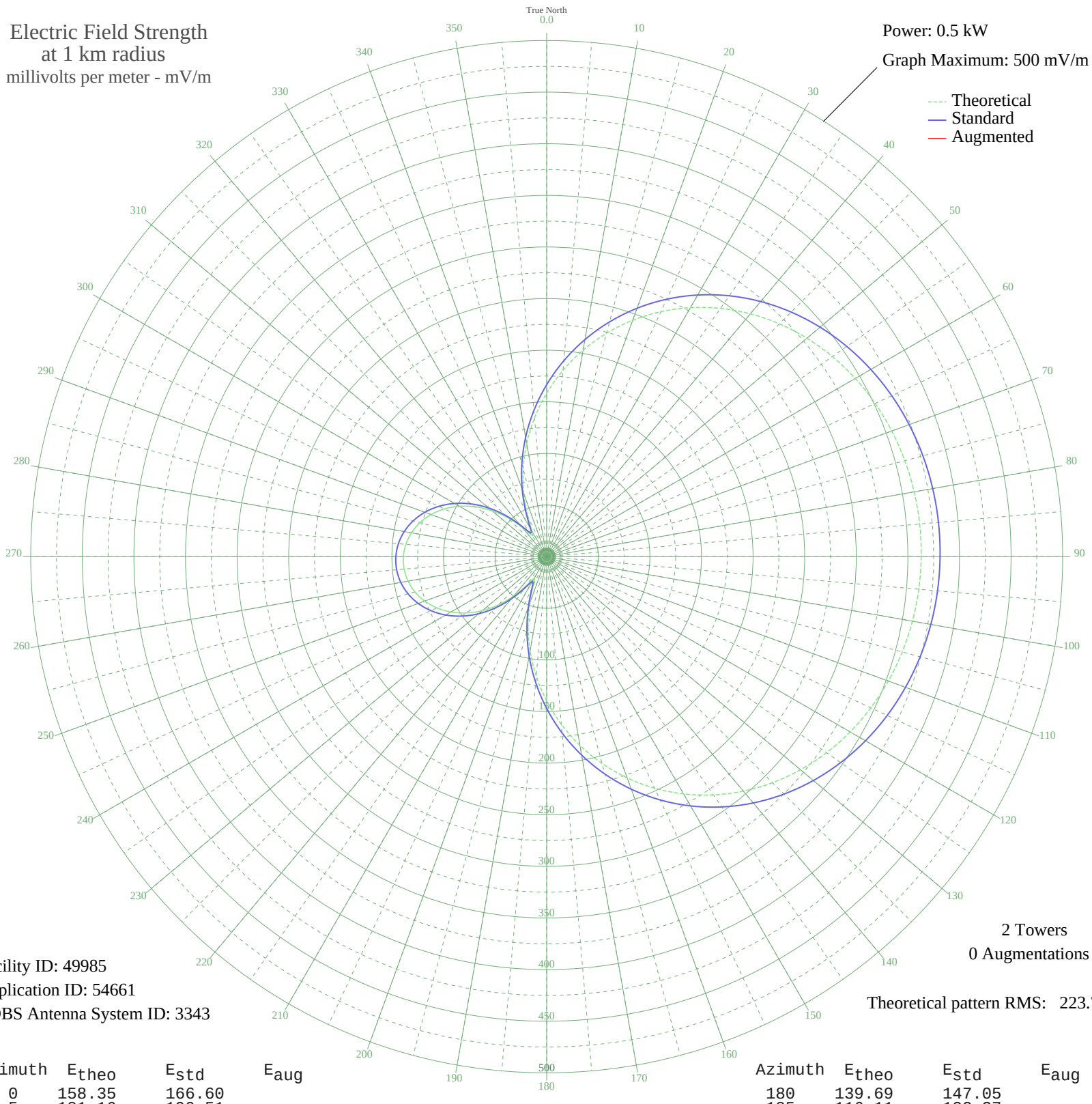
WNMB NORTH MYRTLE BEACH, SC BL-19830322AE 900 kHz

Daytime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 49985
Application ID: 54661
CDBS Antenna System ID: 3343

Theoretical pattern RMS: 223.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	158.35	166.60	
5	181.16	190.51	
10	203.13	213.55	
15	224.03	235.46	
20	243.66	256.06	
25	261.87	275.16	
30	278.55	292.66	
35	293.64	308.50	
40	307.10	322.63	
45	318.95	335.07	
50	329.23	345.85	
55	337.98	355.04	
60	345.29	362.71	
65	351.23	368.94	
70	355.89	373.83	
75	359.34	377.45	
80	361.63	379.86	
85	362.82	381.11	
90	362.93	381.22	
95	361.96	380.20	
100	359.88	378.02	
105	356.67	374.65	
110	352.26	370.03	
115	346.58	364.07	
120	339.56	356.69	
125	331.10	347.81	
130	321.13	337.35	
135	309.60	325.25	
140	296.46	311.46	
145	281.69	295.97	
150	265.33	278.79	
155	247.42	260.00	
160	228.06	239.69	
165	207.40	218.03	
170	185.63	195.19	
175	162.97	171.44	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	139.69	147.05	
185	116.11	122.37	
190	92.60	97.80	
195	69.67	73.91	
200	48.22	51.71	
205	30.62	33.83	
210	24.42	27.71	
215	34.13	37.34	
220	49.78	53.32	
225	65.99	70.08	
230	81.27	85.97	
235	95.08	100.39	
240	107.19	113.04	
245	117.44	123.76	
250	125.75	132.45	
255	132.07	139.07	
260	136.37	143.57	
265	138.62	145.93	
270	138.83	146.15	
275	136.98	144.21	
280	133.09	140.14	
285	127.17	133.94	
290	119.26	125.66	
295	109.39	115.34	
300	97.65	103.06	
305	84.16	88.99	
310	69.14	73.36	
315	53.05	56.69	
320	37.06	40.30	
325	25.34	28.60	
330	28.10	31.32	
335	44.26	47.64	
340	65.22	69.29	
345	87.95	92.94	
350	111.39	117.43	
355	134.99	142.13	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission