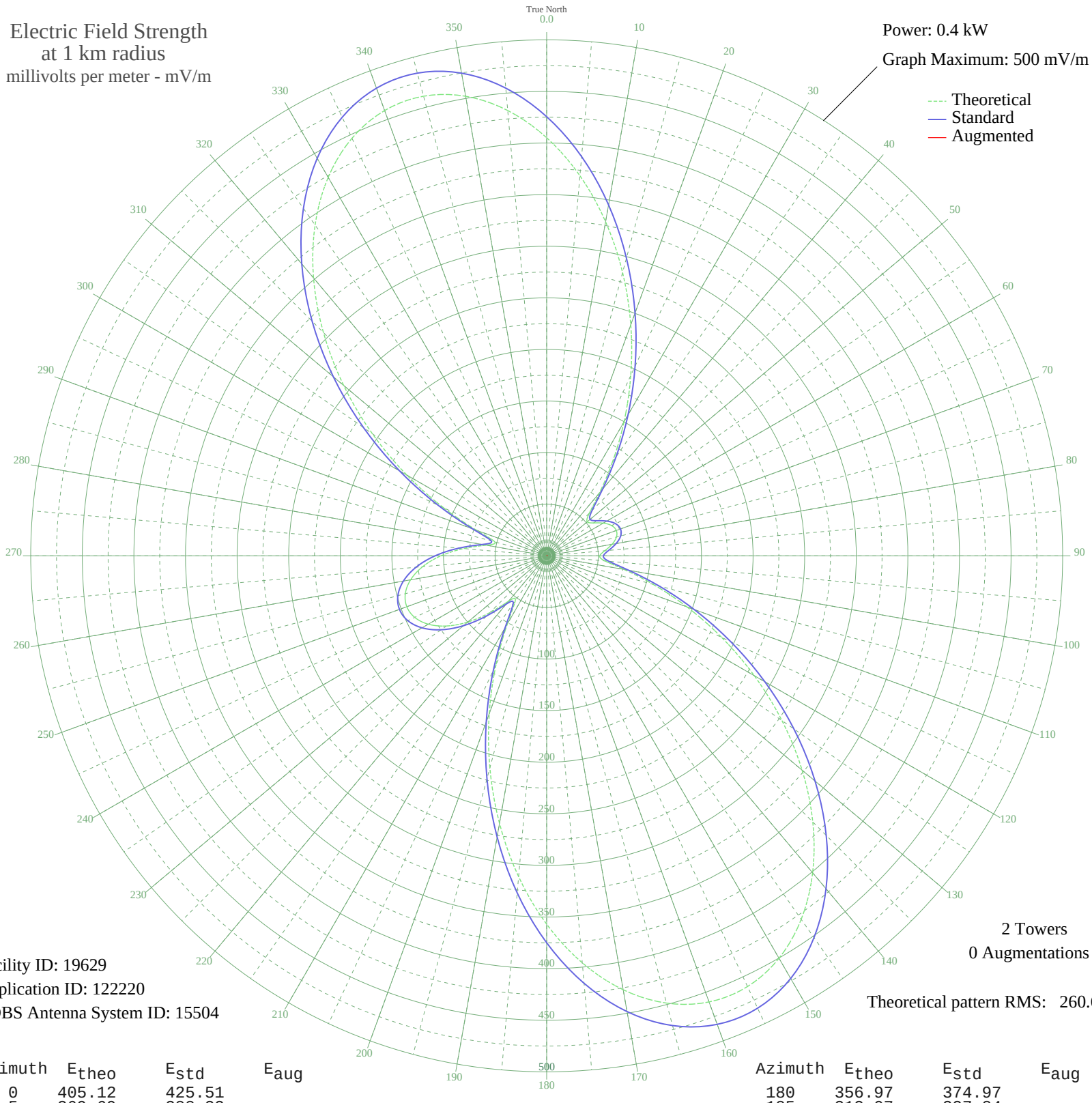
WBNR BEACON, NY BL-19890103AD 1260 kHz

Nighttime

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



Power: 0.4 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 19629
Application ID: 122220
CDBS Antenna System ID: 15504

2 Towers
0 Augmentations

Theoretical pattern RMS: 260.62

Azimuth	E_{theo}	E_{std}	E_{aug}
0	405.12	425.51	
5	369.69	388.32	
10	328.71	345.31	
15	284.21	298.61	
20	238.24	250.38	
25	192.81	202.72	
30	149.82	157.66	
35	111.27	117.30	
40	79.57	84.21	
45	58.36	62.18	
50	51.29	54.87	
55	55.59	59.30	
60	63.33	67.32	
65	69.42	73.64	
70	71.81	76.12	
75	69.95	74.20	
80	64.27	68.30	
85	56.54	60.28	
90	51.37	54.95	
95	56.63	60.38	
100	76.17	80.67	
105	106.75	112.58	
110	144.58	152.17	
115	187.11	196.75	
120	232.34	244.18	
125	278.35	292.45	
130	323.15	339.47	
135	364.70	383.07	
140	400.95	421.13	
145	430.02	451.64	
150	450.28	472.91	
155	460.51	483.65	
160	460.02	483.13	
165	448.68	471.23	
170	426.96	448.43	
175	395.89	415.82	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	356.97	374.97	
185	312.07	327.84	
190	263.24	276.61	
195	212.71	223.59	
200	162.74	171.20	
205	115.93	122.18	
210	76.28	80.78	
215	52.92	56.55	
220	57.26	61.03	
225	77.77	82.33	
230	99.84	105.36	
235	118.58	124.95	
240	132.51	139.53	
245	141.12	148.54	
250	144.24	151.81	
255	141.83	149.29	
260	133.92	141.00	
265	120.65	127.12	
270	102.48	108.12	
275	80.68	85.36	
280	59.42	63.27	
285	51.88	55.48	
290	72.07	76.40	
295	110.32	116.32	
300	156.49	164.65	
305	206.21	216.77	
310	256.80	269.85	
315	305.97	321.44	
320	351.50	369.23	
325	391.30	411.00	
330	423.47	444.76	
335	446.45	468.89	
340	459.17	482.24	
345	461.06	484.22	
350	452.17	474.90	
355	433.14	454.92	

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