

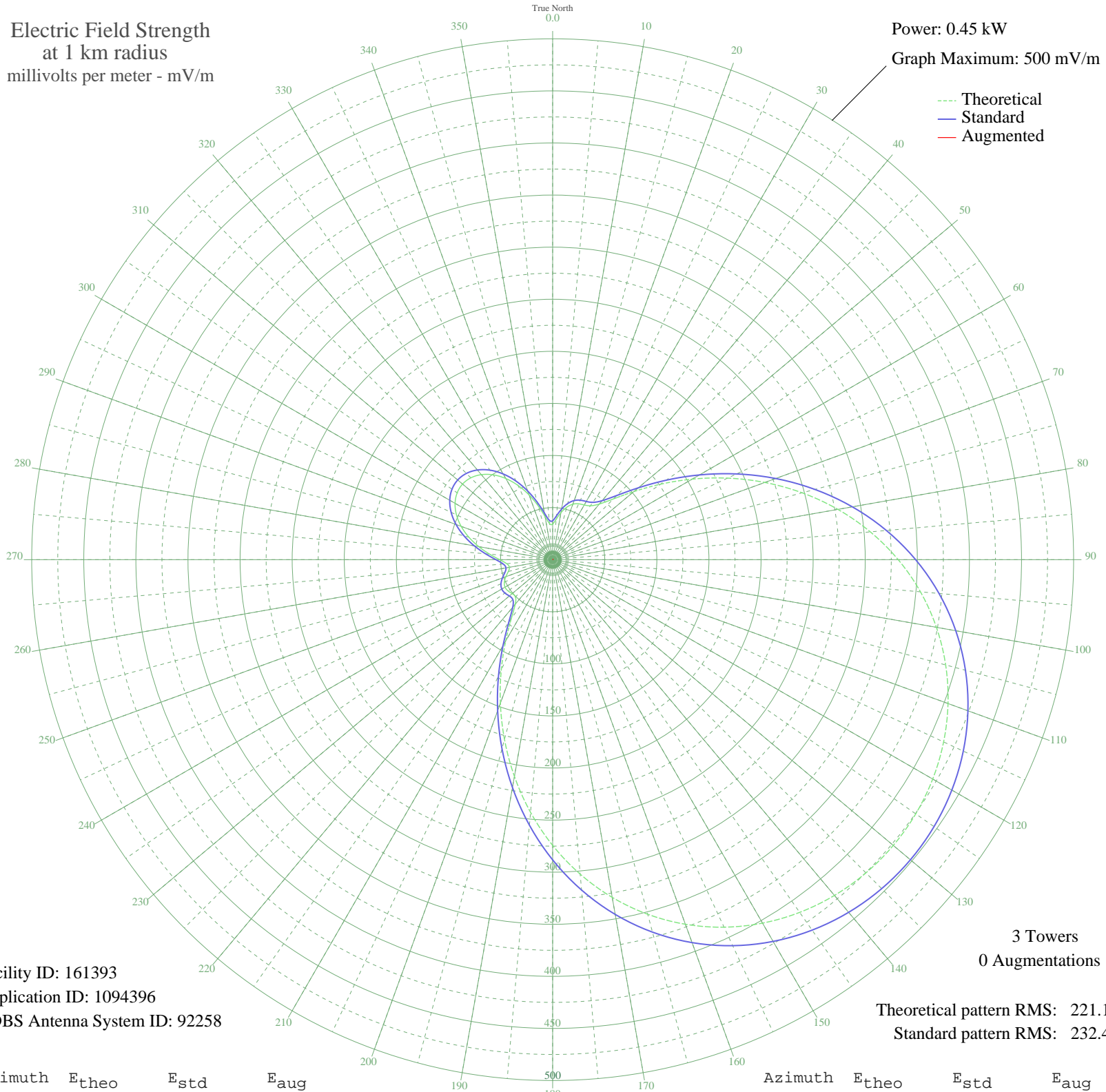
NEW PINE BLUFF, AR BNP-20051031ADR 1190 kHz

Nighttime

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

Power: 0.45 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161393
Application ID: 1094396
CDBS Antenna System ID: 92258

3 Towers
0 Augmentations

Theoretical pattern RMS: 221.17
Standard pattern RMS: 232.47

Azimuth	E _{theo}	E _{std}	E _{aug}
0	34.07	37.29	
5	38.92	42.20	
10	45.83	49.25	
15	52.14	55.74	
20	56.63	60.38	
25	59.15	62.99	
30	60.63	64.52	
35	63.18	67.16	
40	69.70	73.94	
45	82.41	87.17	
50	101.64	107.23	
55	126.23	132.96	
60	154.60	162.67	
65	185.21	194.75	
70	216.70	227.78	
75	247.94	260.55	
80	277.97	292.06	
85	306.06	321.54	
90	331.65	348.39	
95	354.38	372.25	
100	374.03	392.87	
105	390.51	410.17	
110	403.82	424.14	
115	414.02	434.85	
120	421.20	442.39	
125	425.43	446.83	
130	426.77	448.23	
135	425.22	446.61	
140	420.77	441.94	
145	413.36	434.15	
150	402.89	423.16	
155	389.27	408.87	
160	372.44	391.21	
165	352.39	370.16	
170	329.19	345.81	
175	303.04	318.36	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	274.29	288.19	
185	243.47	255.86	
190	211.29	222.10	
195	178.66	187.88	
200	146.67	154.37	
205	116.66	122.94	
210	90.21	95.30	
215	69.26	73.48	
220	55.84	59.57	
225	50.52	54.08	
230	50.67	54.23	
235	52.30	55.91	
240	52.76	56.39	
245	51.15	54.73	
250	47.80	51.28	
255	44.07	47.45	
260	42.15	45.48	
265	44.25	47.63	
270	50.90	54.46	
275	60.74	64.64	
280	72.00	76.32	
285	83.23	88.02	
290	93.43	98.66	
295	101.90	107.51	
300	108.15	114.05	
305	111.87	117.94	
310	112.87	118.98	
315	111.08	117.11	
320	106.54	112.36	
325	99.40	104.89	
330	89.94	95.02	
335	78.62	83.21	
340	66.08	70.17	
345	53.33	56.98	
350	42.03	45.37	
355	34.79	38.01	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission