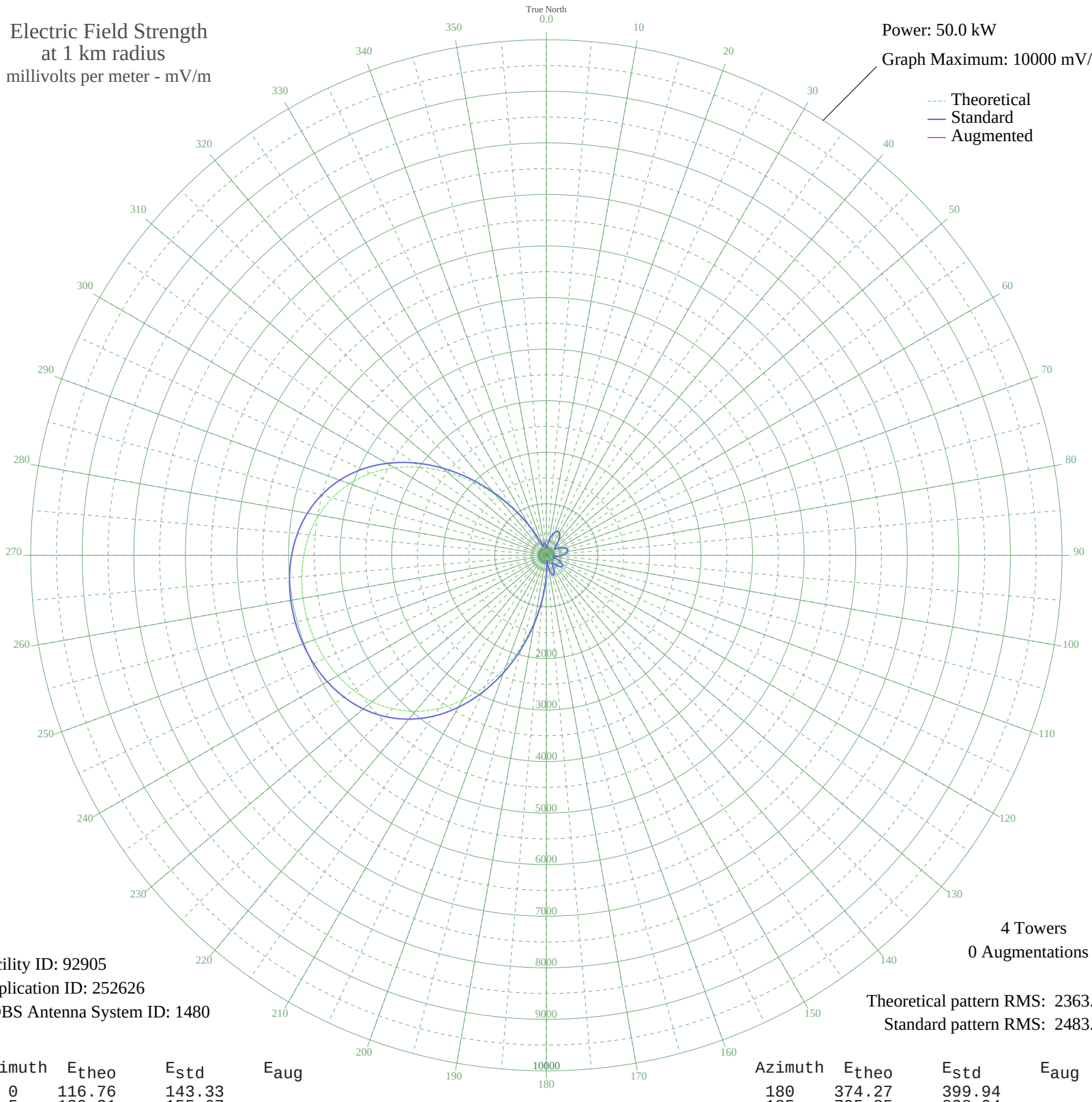
970829AA FOLSOM, CA BP-19970829AA 1030 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

Facility ID: 92905
Application ID: 252626
CDBS Antenna System ID: 1480

4 Towers
0 Augmentations

Theoretical pattern RMS: 2363.85
Standard pattern RMS: 2483.15

Azimuth	E_{theo}	E_{std}	E_{aug}
0	116.76	143.33	
5	130.31	155.67	
10	246.26	269.02	
15	363.18	388.50	
20	447.81	476.03	
25	487.09	516.81	
30	478.20	507.57	
35	426.28	453.71	
40	343.29	368.02	
45	249.15	271.94	
50	180.90	203.94	
55	189.47	212.35	
60	255.79	278.65	
65	326.89	351.17	
70	378.50	404.30	
75	401.09	427.64	
80	391.24	417.45	
85	349.37	374.27	
90	279.44	302.66	
95	190.36	213.22	
100	106.95	134.63	
105	113.50	140.41	
110	199.09	221.84	
115	282.22	305.49	
120	337.16	361.72	
125	351.92	376.90	
130	321.97	346.13	
135	252.91	275.74	
140	172.24	195.50	
145	161.80	185.40	
150	247.77	270.54	
155	338.94	363.55	
160	381.28	407.17	
165	344.32	369.08	
170	210.41	233.08	
175	50.18	91.04	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	374.27	399.94	
185	795.85	838.94	
190	1277.13	1343.04	
195	1789.05	1879.97	
200	2302.63	2418.90	
205	2792.13	2932.67	
210	3237.51	3400.19	
215	3625.65	3807.66	
220	3950.39	4148.57	
225	4211.57	4422.77	
230	4413.57	4634.84	
235	4563.55	4792.30	
240	4669.79	4903.84	
245	4740.27	4977.84	
250	4781.59	5021.22	
255	4798.17	5038.63	
260	4791.83	5031.97	
265	4761.60	5000.23	
270	4703.83	4939.58	
275	4612.56	4843.76	
280	4480.19	4704.78	
285	4298.49	4514.03	
290	4059.99	4263.64	
295	3759.59	3948.27	
300	3396.30	3566.89	
305	2974.86	3124.48	
310	2506.80	2633.19	
315	2010.75	2112.59	
320	1511.49	1588.80	
325	1038.08	1092.51	
330	621.63	656.92	
335	297.61	321.19	
340	147.20	171.46	
345	198.38	221.13	
350	228.03	250.68	
355	190.05	212.92	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission