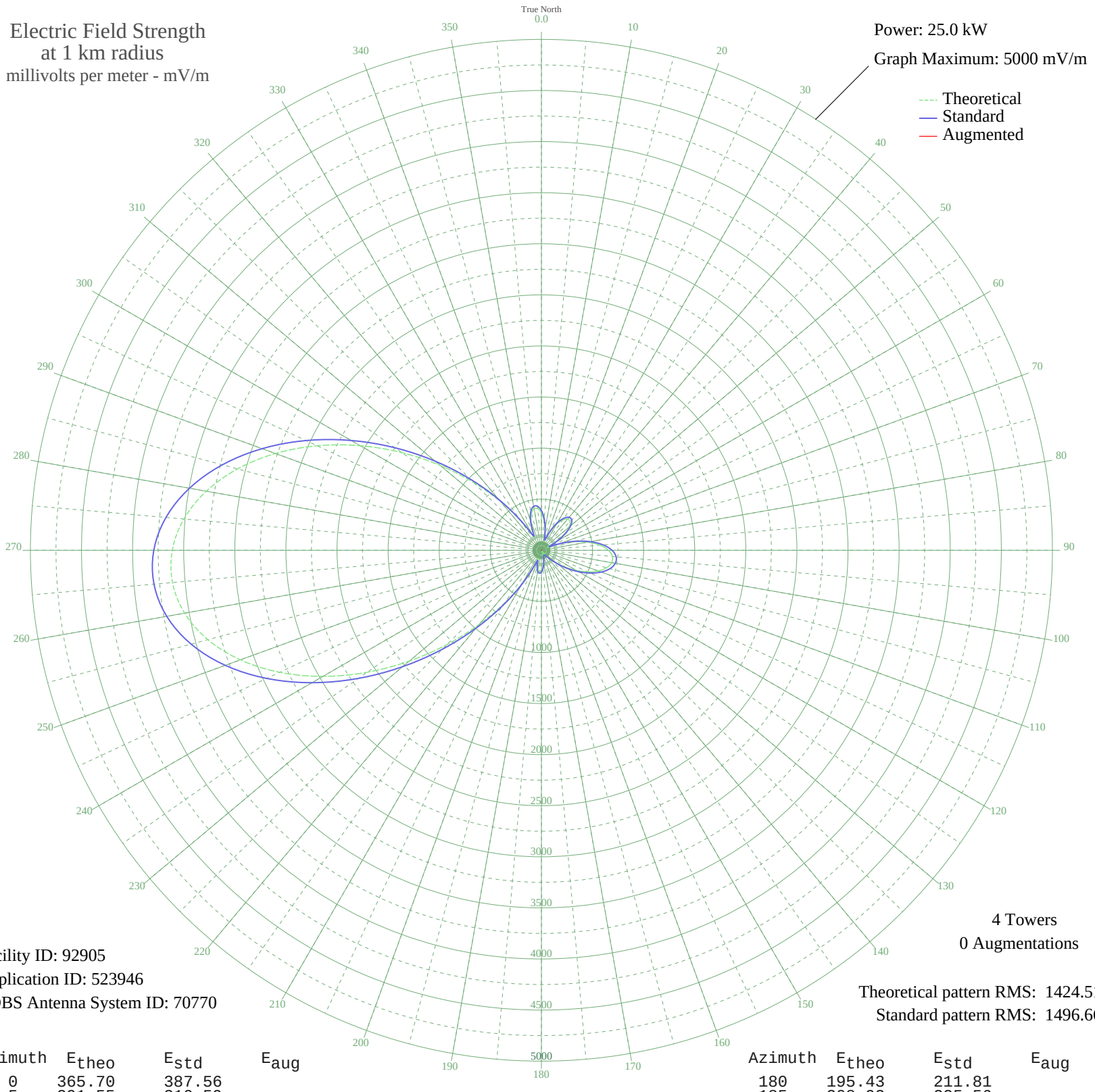
970829AA FOLSOM, CA BP-19970829AA 1030 kHz

Nighttime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

Facility ID: 92905
Application ID: 523946
CDBS Antenna System ID: 70770

4 Towers
0 Augmentations

Theoretical pattern RMS: 1424.51
Standard pattern RMS: 1496.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	365.70	387.56	
5	291.55	310.59	
10	196.47	212.87	
15	103.50	120.69	
20	104.04	121.20	
25	196.71	213.12	
30	290.06	309.05	
35	360.64	382.29	
40	397.91	421.09	
45	395.73	418.82	
50	351.98	373.29	
55	269.00	287.28	
60	155.25	171.26	
65	60.00	82.01	
70	168.65	184.70	
75	319.43	339.49	
80	459.71	485.54	
85	575.05	606.08	
90	655.97	690.77	
95	697.16	733.90	
100	697.55	734.30	
105	660.13	695.12	
110	591.30	623.08	
115	499.91	527.52	
120	396.12	419.23	
125	290.27	309.27	
130	191.86	208.18	
135	108.79	125.72	
140	47.13	72.15	
145	13.80	54.46	
150	13.35	54.34	
155	9.59	53.46	
160	29.70	61.07	
165	69.82	90.17	
170	116.70	133.31	
175	161.61	177.62	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	195.43	211.81	
185	208.92	225.56	
190	193.49	209.83	
195	144.05	160.10	
200	84.14	102.77	
205	166.55	182.59	
210	366.82	388.73	
215	630.36	663.95	
220	945.77	994.44	
225	1302.48	1368.61	
230	1686.75	1771.86	
235	2081.63	2186.34	
240	2467.92	2591.85	
245	2825.51	2967.24	
250	3134.99	3292.16	
255	3379.29	3548.65	
260	3545.05	3722.68	
265	3623.67	3805.22	
270	3611.85	3792.80	
275	3511.64	3687.59	
280	3329.96	3496.85	
285	3077.83	3232.14	
290	2769.22	2908.15	
295	2419.95	2541.49	
300	2046.51	2149.48	
305	1665.12	1749.16	
310	1290.88	1356.44	
315	937.42	985.69	
320	617.10	650.08	
325	343.66	364.65	
330	155.66	171.67	
335	180.72	196.88	
340	292.82	311.91	
345	374.72	396.95	
350	413.07	436.88	
355	408.55	432.18	

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