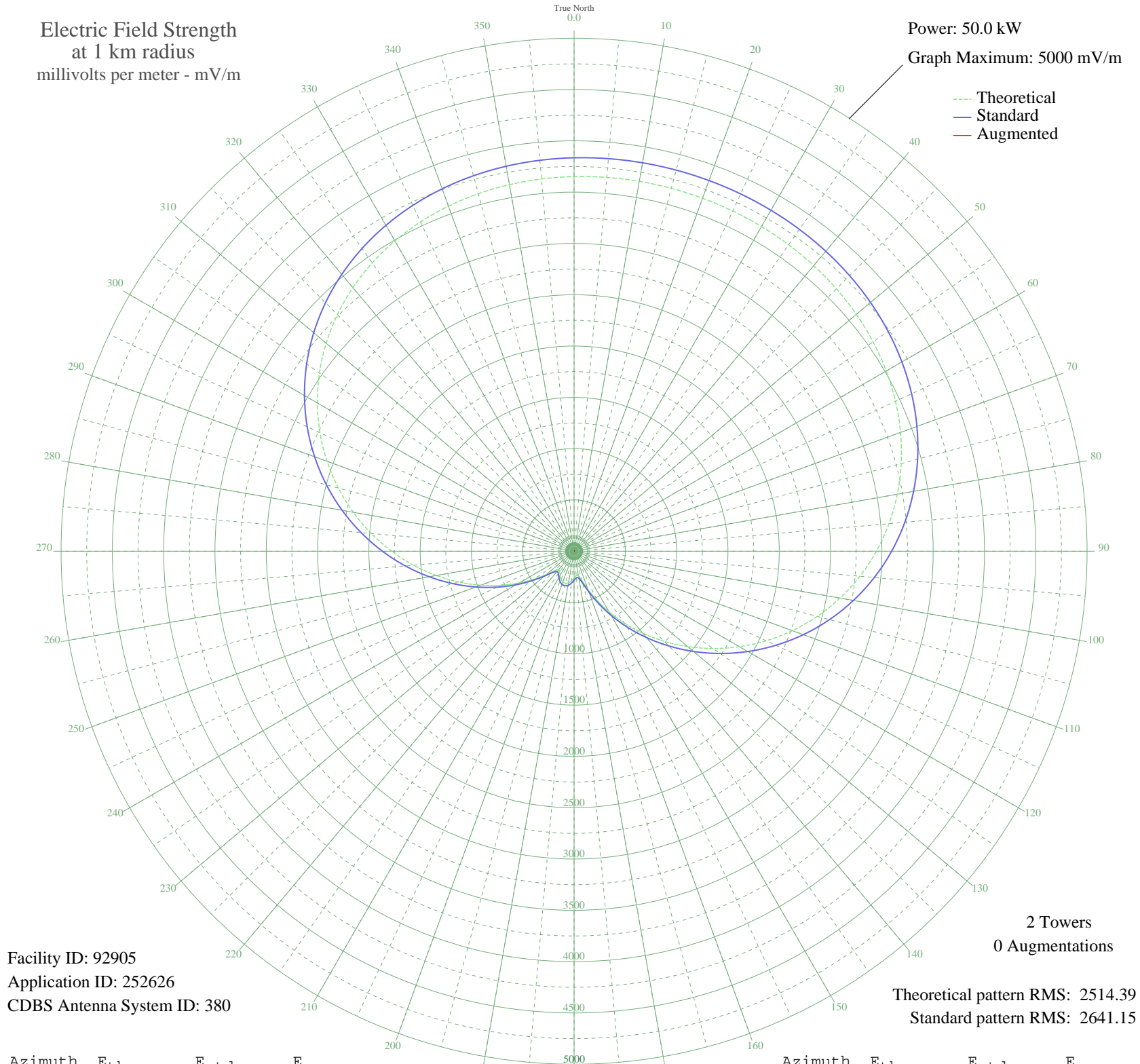


970829AA FOLSOM, CA BP-19970829AA 1030 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 92905  
Application ID: 252626  
CDBS Antenna System ID: 380

Theoretical pattern RMS: 2514.39  
Standard pattern RMS: 2641.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3651.37	3834.65	
5	3657.18	3840.76	
10	3660.40	3844.13	
15	3661.62	3845.41	
20	3661.10	3844.87	
25	3658.74	3842.39	
30	3654.06	3837.48	
35	3646.25	3829.28	
40	3634.18	3816.61	
45	3616.47	3798.02	
50	3591.56	3771.87	
55	3557.74	3736.37	
60	3513.30	3689.72	
65	3456.58	3630.17	
70	3386.08	3556.16	
75	3300.54	3466.36	
80	3199.07	3359.85	
85	3081.19	3236.10	
90	2946.89	3095.13	
95	2796.69	2937.46	
100	2631.62	2764.20	
105	2453.25	2576.98	
110	2263.59	2377.93	
115	2065.09	2169.61	
120	1860.52	1954.96	
125	1652.92	1737.15	
130	1445.46	1519.55	
135	1241.42	1305.60	
140	1044.12	1098.83	
145	856.94	902.84	
150	683.49	721.49	
155	527.98	559.32	
160	396.19	422.58	
165	297.19	320.76	
170	243.07	265.81	
175	237.01	259.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	260.52	283.44	
185	290.50	313.93	
190	313.55	337.49	
195	323.79	348.00	
200	319.35	343.44	
205	301.00	324.65	
210	272.71	295.82	
215	244.33	267.07	
220	235.49	258.17	
225	269.54	292.59	
230	352.00	376.99	
235	472.00	501.13	
240	618.86	654.03	
245	785.70	828.31	
250	967.84	1018.94	
255	1161.50	1221.84	
260	1363.25	1433.34	
265	1569.74	1649.90	
270	1777.67	1868.03	
275	1983.82	2084.34	
280	2185.10	2295.55	
285	2378.61	2498.64	
290	2561.77	2690.88	
295	2732.37	2869.95	
300	2888.67	3034.02	
305	3029.42	3181.76	
310	3153.90	3312.43	
315	3261.90	3425.80	
320	3353.72	3522.19	
325	3430.11	3602.38	
330	3492.18	3667.54	
335	3541.34	3719.15	
340	3579.20	3758.89	
345	3607.46	3788.56	
350	3627.86	3809.97	
355	3642.00	3824.82	

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