

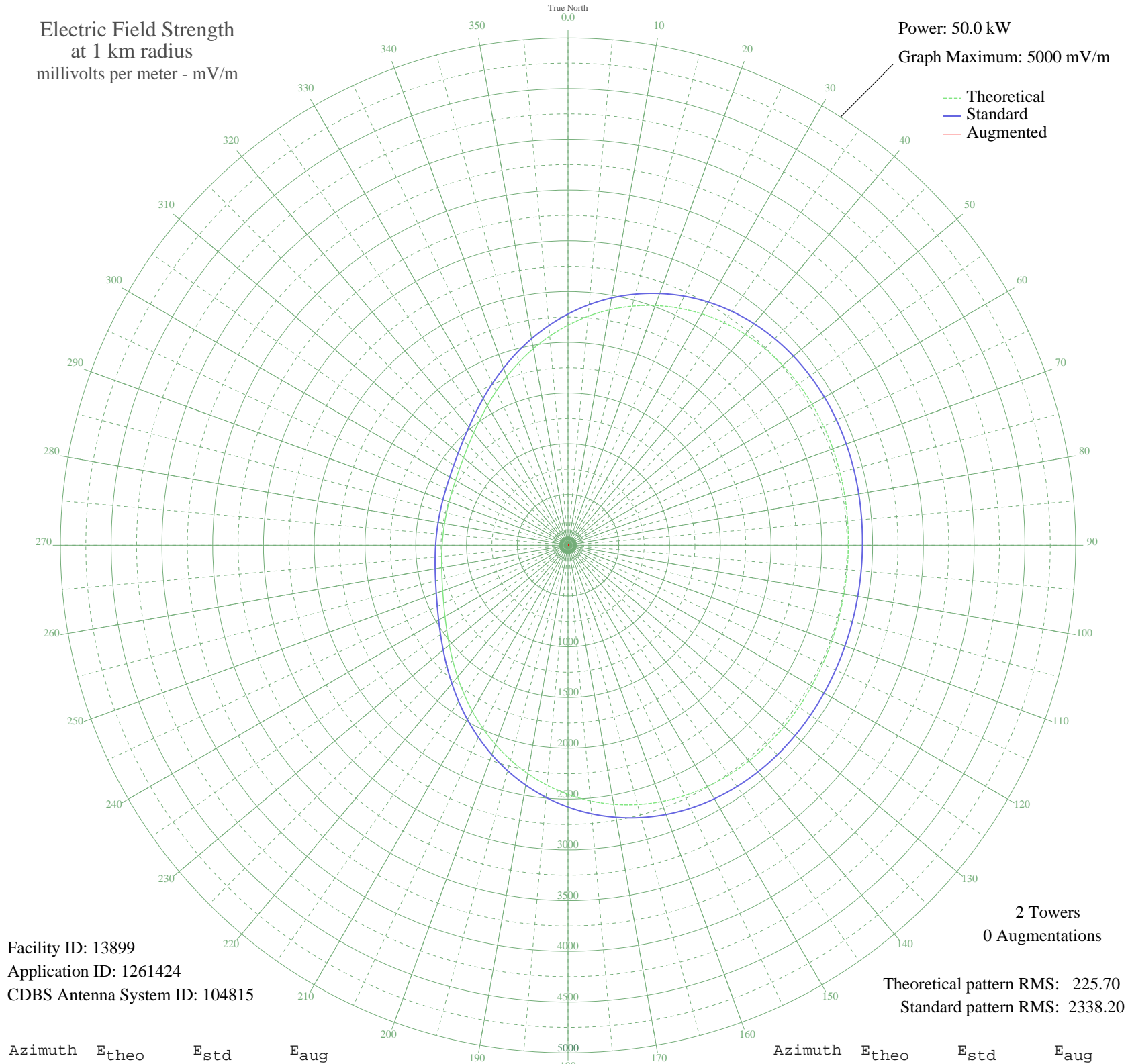
KSPA CHINO, CA BP-20041115AFC 1510 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 13899
Application ID: 1261424
CDBS Antenna System ID: 104815

2 Towers
0 Augmentations

Theoretical pattern RMS: 225.70
Standard pattern RMS: 2338.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2169.06	2278.72	
5	2265.30	2379.73	
10	2355.80	2474.71	
15	2438.95	2561.97	
20	2513.48	2640.20	
25	2578.55	2708.49	
30	2633.71	2766.40	
35	2678.92	2813.85	
40	2714.50	2851.19	
45	2741.09	2879.10	
50	2759.61	2898.54	
55	2771.16	2910.66	
60	2776.99	2916.78	
65	2778.41	2918.27	
70	2776.71	2916.49	
75	2773.11	2912.72	
80	2768.74	2908.13	
85	2764.53	2903.71	
90	2761.23	2900.24	
95	2759.36	2898.27	
100	2759.18	2898.09	
105	2760.73	2899.72	
110	2763.78	2902.92	
115	2767.86	2907.20	
120	2772.27	2911.83	
125	2776.10	2915.85	
130	2778.28	2918.13	
135	2777.58	2917.41	
140	2772.74	2912.32	
145	2762.44	2901.51	
150	2745.41	2883.63	
155	2720.51	2857.50	
160	2686.79	2822.11	
165	2643.55	2776.72	
170	2590.38	2720.91	
175	2527.27	2654.67	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2454.57	2578.37	
185	2373.07	2492.83	
190	2283.92	2399.27	
195	2188.68	2299.31	
200	2089.21	2194.92	
205	1987.62	2088.32	
210	1886.21	1981.92	
215	1787.31	1878.15	
220	1693.19	1779.40	
225	1605.89	1687.82	
230	1527.14	1605.22	
235	1458.17	1532.88	
240	1399.65	1471.50	
245	1351.64	1421.16	
250	1313.64	1381.32	
255	1284.73	1351.01	
260	1263.68	1328.94	
265	1249.22	1313.78	
270	1240.19	1304.32	
275	1235.73	1299.64	
280	1235.33	1299.22	
285	1238.96	1303.02	
290	1247.01	1311.47	
295	1260.30	1325.40	
300	1279.93	1345.98	
305	1307.17	1374.54	
310	1343.26	1412.38	
315	1389.21	1460.56	
320	1445.62	1519.71	
325	1512.53	1589.90	
330	1589.41	1670.53	
335	1675.12	1760.44	
340	1768.04	1857.92	
345	1866.16	1960.87	
350	1967.25	2066.95	
355	2068.99	2173.70	

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