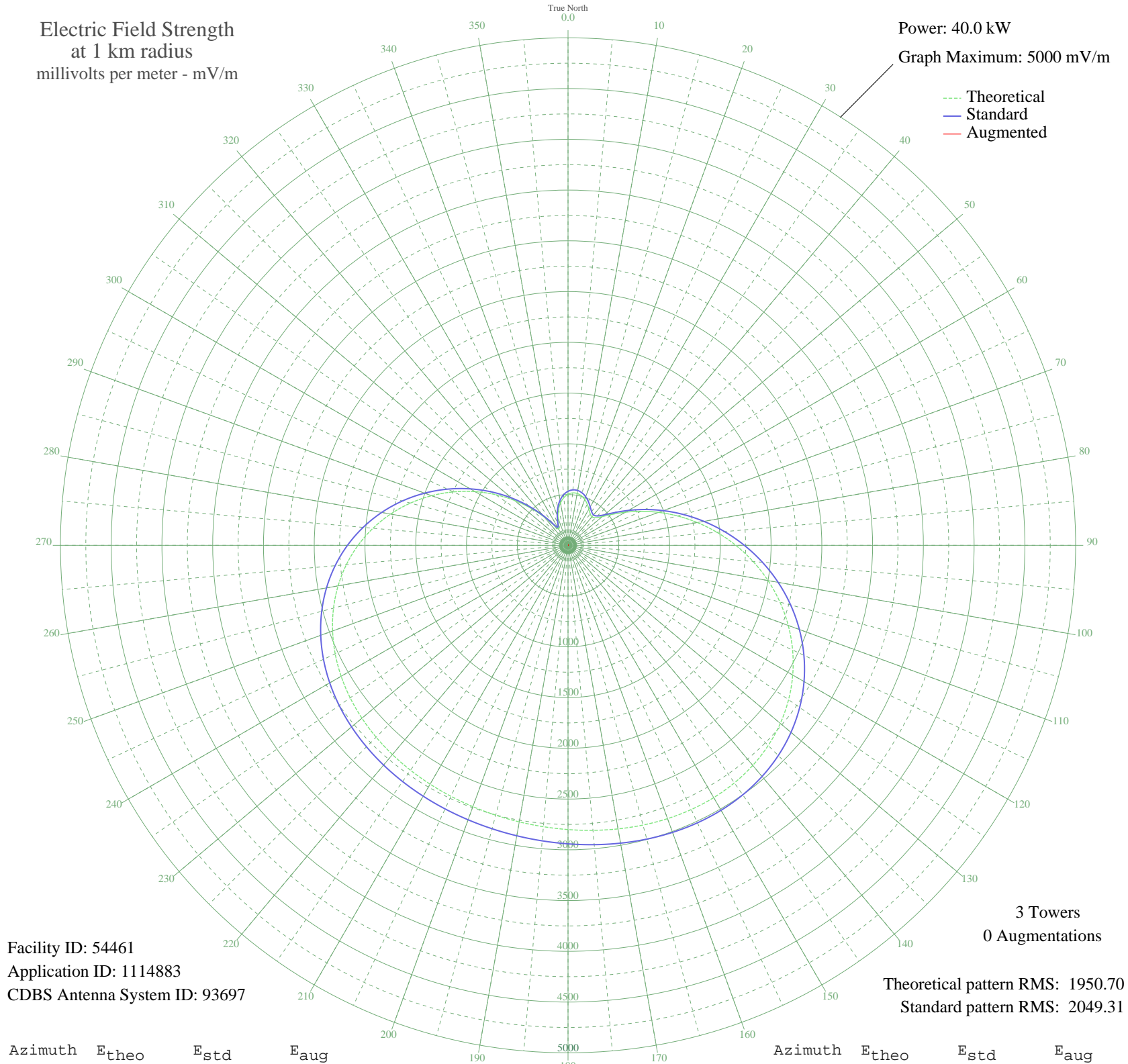


KPRZ SAN MARCOS-POWAY, CA BP-20060302ACD 1210 kHz

Daytime

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

Power: 40.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 54461
Application ID: 1114883
CDBS Antenna System ID: 93697

3 Towers
0 Augmentations
Theoretical pattern RMS: 1950.70
Standard pattern RMS: 2049.31

Azimuth	E _{theo}	E _{std}	E _{aug}
0	502.97	532.28	
5	518.30	548.25	
10	518.66	548.62	
15	505.44	534.85	
20	480.73	509.12	
25	447.70	474.76	
30	411.47	437.12	
35	380.38	404.88	
40	366.85	390.88	
45	384.51	409.16	
50	440.48	467.25	
55	531.99	562.52	
60	651.63	687.43	
65	792.44	834.71	
70	949.02	998.68	
75	1117.07	1174.80	
80	1292.80	1359.06	
85	1472.60	1547.66	
90	1652.89	1736.80	
95	1830.06	1922.71	
100	2000.60	2101.68	
105	2161.16	2270.19	
110	2308.76	2425.10	
115	2440.89	2563.80	
120	2555.71	2684.32	
125	2652.09	2785.48	
130	2729.68	2866.93	
135	2788.89	2929.09	
140	2830.85	2973.13	
145	2857.26	3000.86	
150	2870.27	3014.51	
155	2872.28	3016.63	
160	2865.81	3009.84	
165	2853.32	2996.72	
170	2837.04	2979.63	
175	2818.92	2960.61	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2800.51	2941.28	
185	2782.93	2922.83	
190	2766.86	2905.97	
195	2752.57	2890.97	
200	2739.91	2877.68	
205	2728.38	2865.57	
210	2717.15	2853.78	
215	2705.11	2841.15	
220	2690.96	2826.28	
225	2673.14	2807.58	
230	2650.00	2783.29	
235	2619.73	2751.52	
240	2580.51	2710.35	
245	2530.51	2657.86	
250	2468.01	2592.26	
255	2391.49	2511.94	
260	2299.76	2415.66	
265	2192.05	2302.61	
270	2068.16	2172.58	
275	1928.50	2026.02	
280	1774.22	1864.11	
285	1607.14	1688.81	
290	1429.81	1502.77	
295	1245.34	1309.29	
300	1057.39	1112.24	
305	869.99	915.90	
310	687.62	725.05	
315	515.47	545.30	
320	360.86	384.67	
325	238.58	259.16	
330	183.43	203.73	
335	216.75	237.08	
340	289.17	310.80	
345	362.57	386.45	
350	424.71	450.86	
355	471.83	499.85	

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