

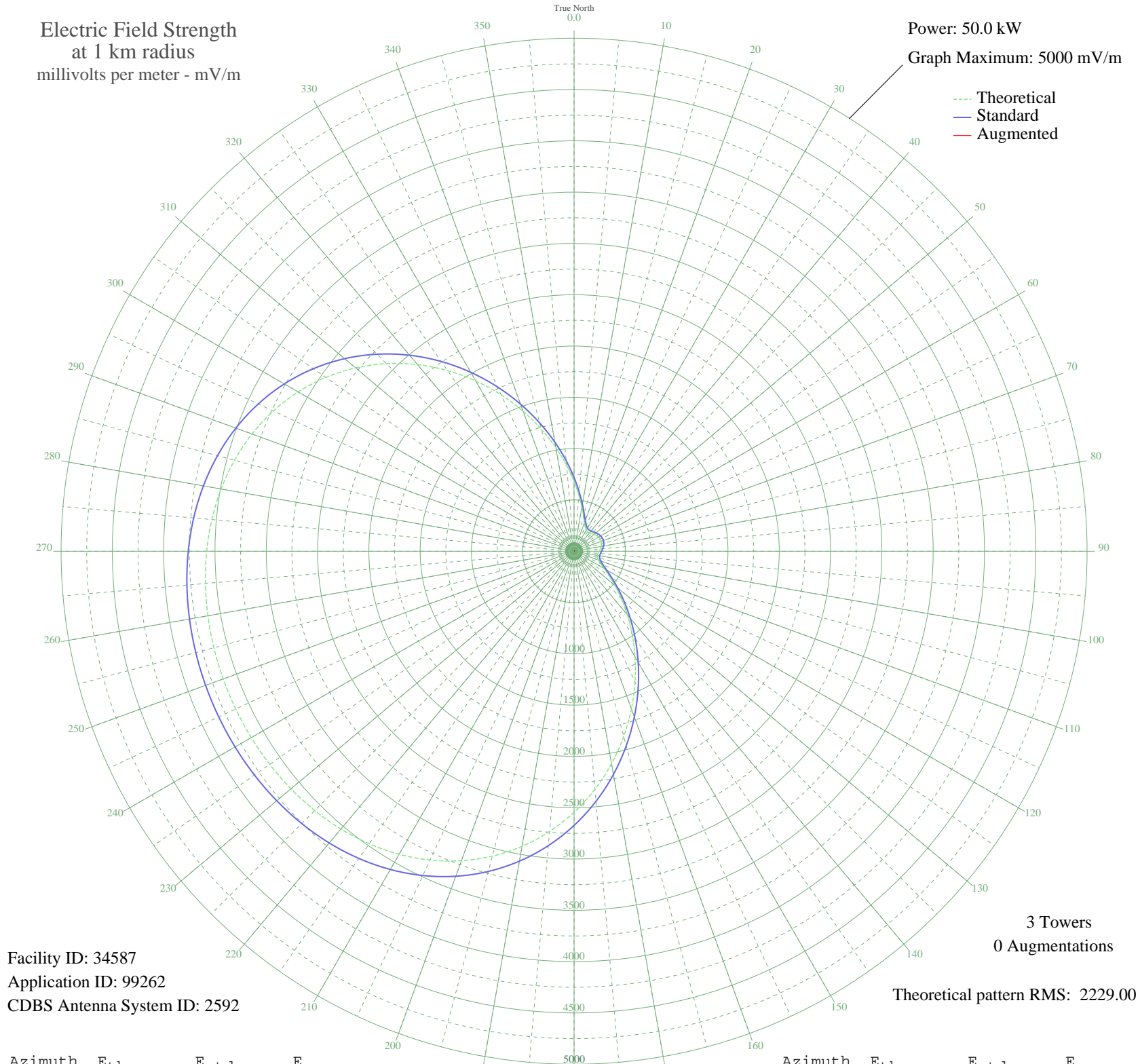
# KCBC RIVERBANK, CA BL-19870324AK 770 kHz

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: 34587  
Application ID: 99262  
CDBS Antenna System ID: 2592

3 Towers  
0 Augmentations

Theoretical pattern RMS: 2229.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	680.84	718.72	
5	546.00	578.09	
10	437.56	465.40	
15	354.81	379.88	
20	295.86	319.41	
25	257.90	280.79	
30	237.47	260.16	
35	230.75	253.41	
40	233.84	256.51	
45	243.01	265.74	
50	254.88	277.73	
55	266.58	289.59	
60	275.87	299.02	
65	281.17	304.42	
70	281.67	304.93	
75	277.28	300.46	
80	268.69	291.73	
85	257.32	280.20	
90	245.27	268.02	
95	235.30	257.98	
100	230.70	253.36	
105	235.15	257.83	
110	252.53	275.36	
115	286.70	310.05	
120	341.20	365.87	
125	419.00	446.17	
130	522.21	553.32	
135	651.77	688.37	
140	807.34	850.95	
145	987.17	1039.18	
150	1188.10	1249.72	
155	1405.77	1477.93	
160	1634.82	1718.16	
165	1869.25	1964.11	
170	2102.87	2209.26	
175	2329.71	2447.32	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2544.37	2672.62	
185	2742.40	2880.47	
190	2920.49	3067.41	
195	3076.59	3231.28	
200	3209.90	3371.22	
205	3320.75	3487.58	
210	3410.41	3581.70	
215	3480.89	3655.68	
220	3534.62	3712.09	
225	3574.24	3753.68	
230	3602.33	3783.17	
235	3621.23	3803.01	
240	3632.84	3815.20	
245	3638.53	3821.18	
250	3639.03	3821.71	
255	3634.42	3816.86	
260	3624.08	3806.01	
265	3606.78	3787.84	
270	3580.70	3760.46	
275	3543.58	3721.50	
280	3492.89	3668.28	
285	3425.97	3598.03	
290	3340.32	3508.12	
295	3233.84	3396.34	
300	3105.08	3261.18	
305	2953.51	3102.08	
310	2779.69	2919.62	
315	2585.42	2715.71	
320	2373.77	2493.56	
325	2148.96	2257.63	
330	1916.23	2013.41	
335	1681.47	1767.10	
340	1450.85	1525.21	
345	1230.46	1294.11	
350	1025.79	1079.63	
355	841.44	886.63	