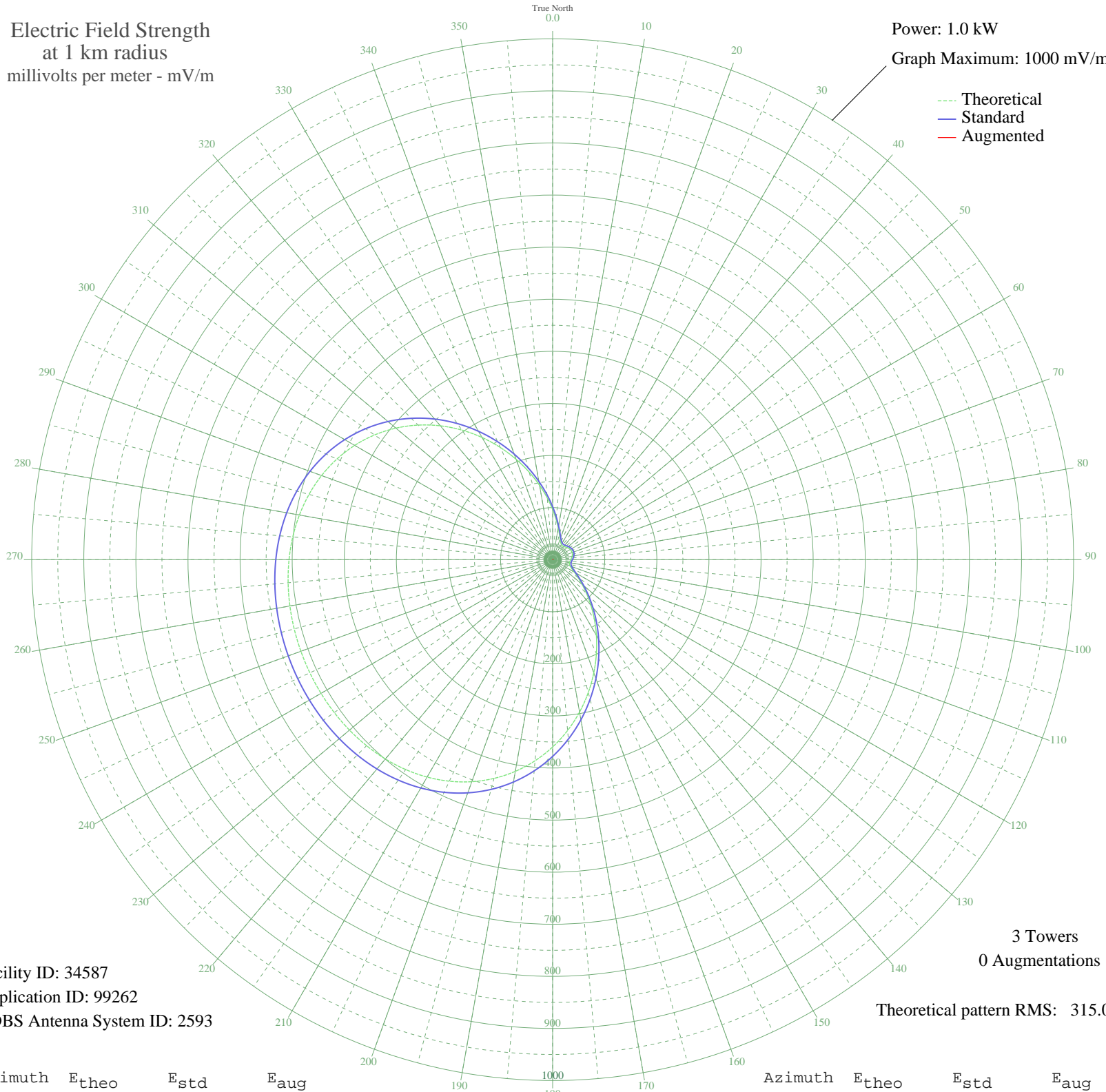


KCBC RIVERBANK, CA BL-19870324AK 770 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 34587
Application ID: 99262
CDBS Antenna System ID: 2593

3 Towers
0 Augmentations

Theoretical pattern RMS: 315.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	96.22	101.57	
5	77.16	81.70	
10	61.84	65.77	
15	50.14	53.69	
20	41.81	45.14	
25	36.45	39.68	
30	33.56	36.77	
35	32.61	35.81	
40	33.05	36.25	
45	34.34	37.56	
50	36.02	39.25	
55	37.67	40.93	
60	38.98	42.26	
65	39.73	43.02	
70	39.81	43.09	
75	39.19	42.46	
80	37.97	41.23	
85	36.36	39.60	
90	34.66	37.88	
95	33.25	36.46	
100	32.60	35.81	
105	33.23	36.44	
110	35.69	38.92	
115	40.52	43.82	
120	48.22	51.71	
125	59.21	63.05	
130	73.80	78.20	
135	92.11	97.28	
140	114.09	120.26	
145	139.51	146.86	
150	167.90	176.61	
155	198.66	208.86	
160	231.03	242.81	
165	264.16	277.57	
170	297.18	312.21	
175	329.23	345.85	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	359.57	377.69	
185	387.55	407.07	
190	412.72	433.48	
195	434.78	456.64	
200	453.62	476.42	
205	469.28	492.86	
210	481.96	506.16	
215	491.92	516.62	
220	499.51	524.59	
225	505.11	530.47	
230	509.08	534.63	
235	511.75	537.44	
240	513.39	539.16	
245	514.19	540.00	
250	514.26	540.08	
255	513.61	539.40	
260	512.15	537.86	
265	509.71	535.29	
270	506.02	531.43	
275	500.78	525.92	
280	493.61	518.40	
285	484.15	508.47	
290	472.05	495.76	
295	457.00	479.97	
300	438.81	460.87	
305	417.39	438.38	
310	392.82	412.60	
315	365.37	383.78	
320	335.46	352.39	
325	303.69	319.05	
330	270.80	284.53	
335	237.62	249.73	
340	205.03	215.54	
345	173.89	182.88	
350	144.96	152.57	
355	118.91	125.30	

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