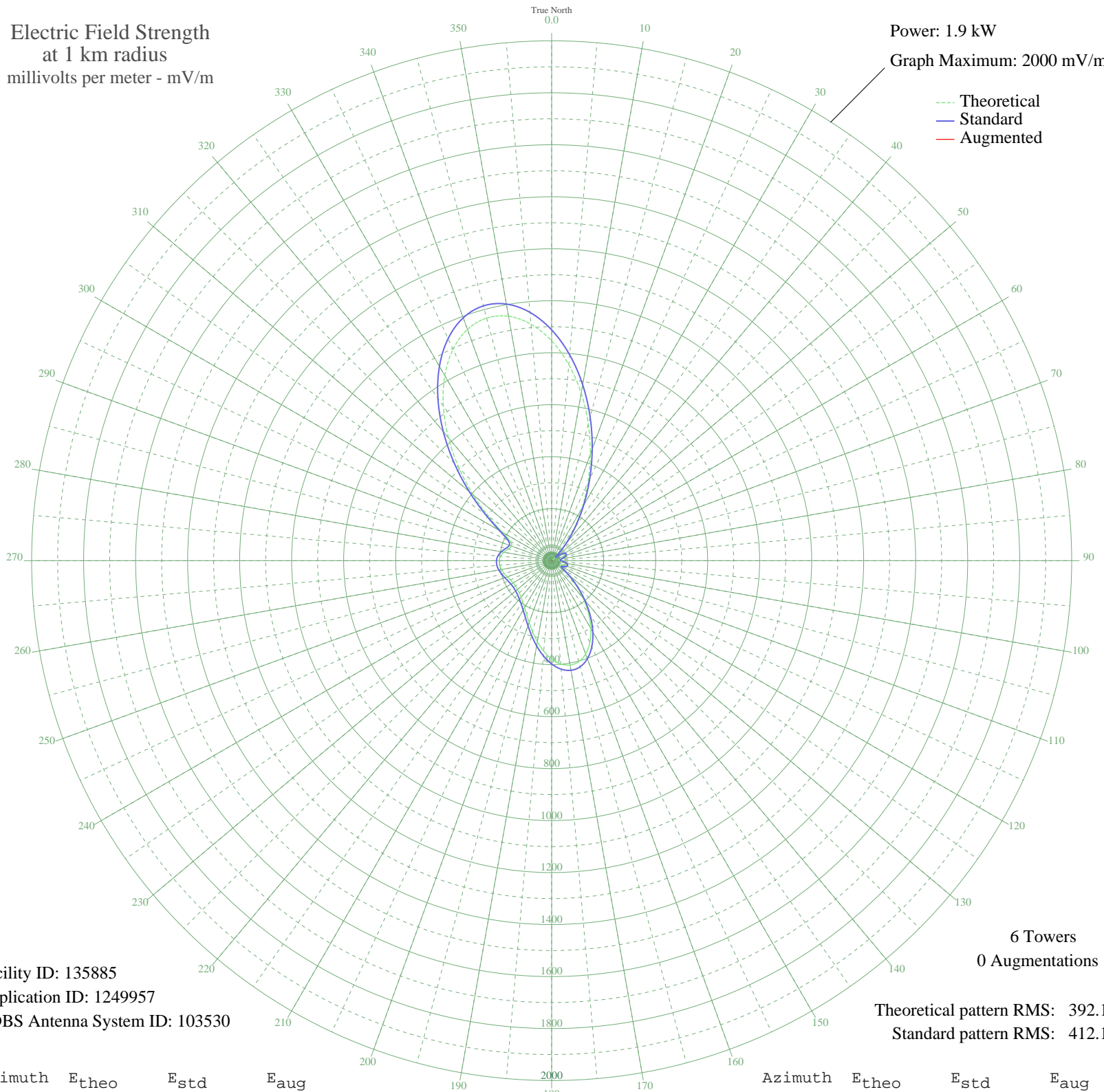


# KCEG FOUNTAIN, CO BMP-20080611ACL 780 kHz

Daytime

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

Power: 1.9 kW  
Graph Maximum: 2000 mV/m



Facility ID: 135885  
Application ID: 1249957  
CDBS Antenna System ID: 103530

6 Towers  
0 Augmentations

Theoretical pattern RMS: 392.18  
Standard pattern RMS: 412.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	845.40	887.84	
5	756.92	794.96	
10	654.29	687.24	
15	544.49	571.98	
20	434.13	456.18	
25	328.97	345.87	
30	233.44	245.74	
35	150.57	159.08	
40	82.01	87.90	
45	28.21	34.49	
50	11.29	21.27	
55	37.60	43.25	
60	52.24	57.62	
65	56.97	62.38	
70	53.75	59.13	
75	44.84	50.28	
80	33.49	39.35	
85	26.01	32.52	
90	30.15	36.25	
95	41.71	47.22	
100	52.73	58.11	
105	58.90	64.32	
110	57.82	63.23	
115	48.90	54.30	
120	37.17	42.84	
125	44.41	49.87	
130	80.41	86.26	
135	130.97	138.65	
140	188.14	198.33	
145	246.53	259.46	
150	301.18	316.73	
155	347.58	365.39	
160	382.08	401.57	
165	402.32	422.80	
170	407.56	428.30	
175	398.70	419.01	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	378.15	397.45	
185	349.38	367.28	
190	316.44	332.73	
195	283.26	297.94	
200	253.06	266.30	
205	227.84	239.88	
210	208.21	219.33	
215	193.65	204.10	
220	183.17	193.14	
225	175.93	185.57	
230	171.53	180.97	
235	169.95	179.32	
240	171.29	180.72	
245	175.37	184.98	
250	181.60	191.50	
255	188.91	199.14	
260	195.82	206.37	
265	200.59	211.36	
270	201.45	212.25	
275	196.91	207.51	
280	186.60	196.73	
285	172.91	182.41	
290	164.03	173.14	
295	175.58	185.20	
300	220.25	231.94	
305	296.10	311.40	
310	393.72	413.78	
315	503.71	529.19	
320	617.36	648.47	
325	726.17	762.69	
330	821.98	863.26	
335	897.47	942.51	
340	946.82	994.32	
345	966.29	1014.76	
350	954.63	1002.52	
355	913.12	958.94	

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