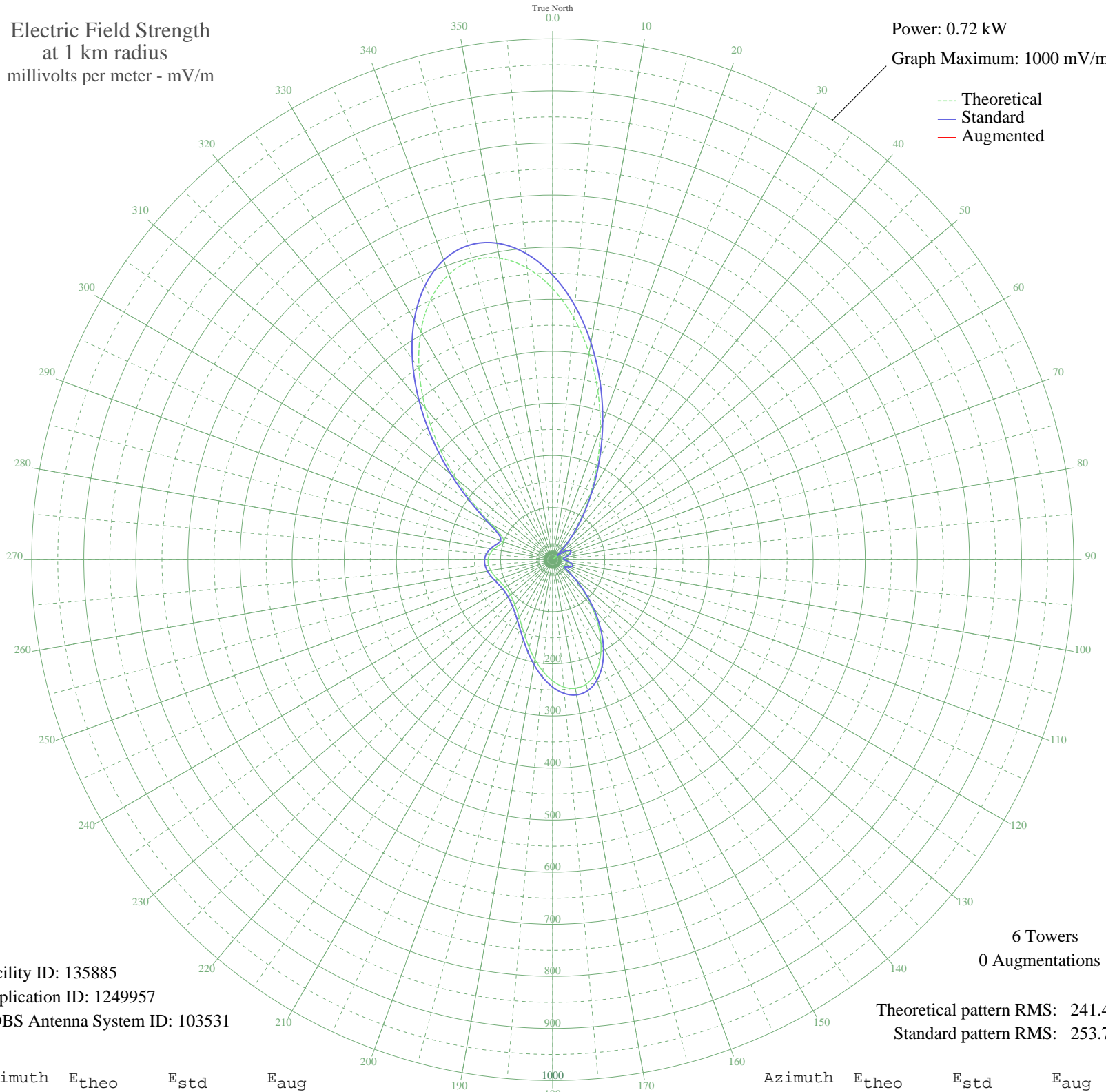


KCEG FOUNTAIN, CO BMP-20080611ACL 780 kHz

Nighttime

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

Power: 0.72 kW
Graph Maximum: 1000 mV/m



Facility ID: 135885
Application ID: 1249957
CDBS Antenna System ID: 103531

6 Towers
0 Augmentations

Theoretical pattern RMS: 241.42
Standard pattern RMS: 253.72

Azimuth	E _{theo}	E _{std}	E _{aug}
0	520.41	546.54	
5	465.95	489.37	
10	402.77	423.05	
15	335.18	352.10	
20	267.25	280.82	
25	202.51	212.91	
30	143.70	151.28	
35	92.69	97.93	
40	50.48	54.11	
45	17.37	21.23	
50	6.95	13.10	
55	23.14	26.62	
60	32.16	35.47	
65	35.07	38.40	
70	33.09	36.40	
75	27.60	30.95	
80	20.62	24.22	
85	16.01	20.02	
90	18.56	22.31	
95	25.67	29.07	
100	32.46	35.77	
105	36.26	39.59	
110	35.59	38.92	
115	30.10	33.43	
120	22.88	26.37	
125	27.34	30.70	
130	49.50	53.10	
135	80.62	85.35	
140	115.82	122.09	
145	151.76	159.72	
150	185.40	194.98	
155	213.97	224.93	
160	235.20	247.20	
165	247.66	260.27	
170	250.89	263.65	
175	245.43	257.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	232.78	244.66	
185	215.08	226.09	
190	194.80	204.82	
195	174.37	183.41	
200	155.78	163.93	
205	140.25	147.67	
210	128.17	135.02	
215	119.21	125.64	
220	112.76	118.90	
225	108.30	114.23	
230	105.59	111.40	
235	104.62	110.39	
240	105.44	111.25	
245	107.95	113.87	
250	111.79	117.88	
255	116.29	122.59	
260	120.54	127.04	
265	123.48	130.11	
270	124.01	130.66	
275	121.21	127.74	
280	114.87	121.10	
285	106.44	112.29	
290	100.98	106.58	
295	108.08	114.01	
300	135.58	142.78	
305	182.27	191.70	
310	242.37	254.72	
315	310.08	325.76	
320	380.04	399.19	
325	447.02	469.50	
330	506.00	531.41	
335	552.47	580.19	
340	582.85	612.09	
345	594.84	624.67	
350	587.66	617.13	
355	562.10	590.31	

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