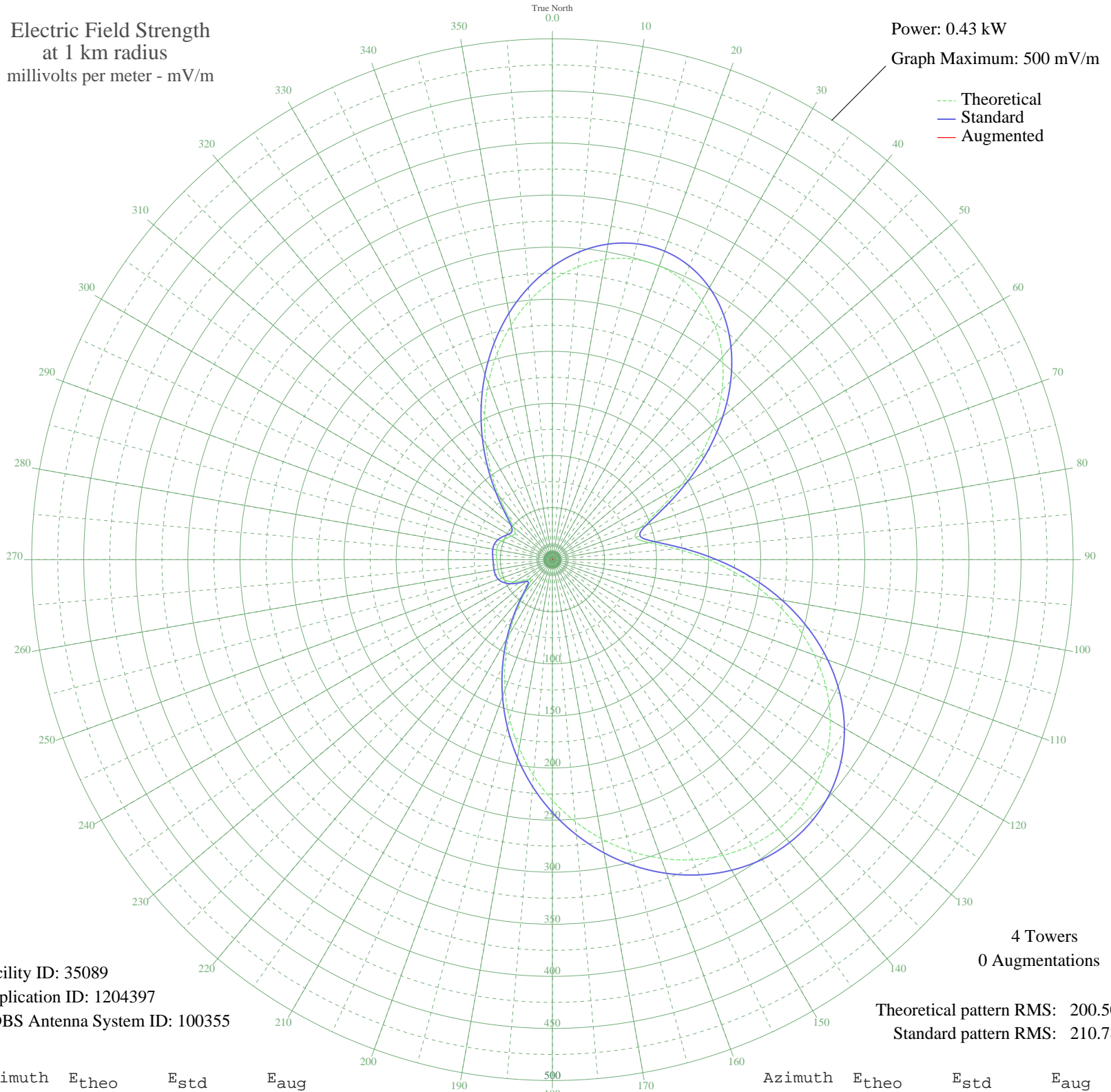


# KLVZ BRIGHTON, CO BP-20070912AAC 810 kHz

Nighttime

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

Power: 0.43 kW  
Graph Maximum: 500 mV/m



Facility ID: 35089  
Application ID: 1204397  
CDBS Antenna System ID: 100355

4 Towers  
0 Augmentations

Theoretical pattern RMS: 200.50  
Standard pattern RMS: 210.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	267.75	281.34	
5	282.29	296.59	
10	292.77	307.59	
15	298.77	313.89	
20	299.96	315.13	
25	296.09	311.07	
30	287.06	301.59	
35	272.90	286.74	
40	253.86	266.76	
45	230.38	242.13	
50	203.16	213.57	
55	173.24	182.20	
60	142.21	149.69	
65	112.80	118.91	
70	90.16	95.24	
75	82.52	87.28	
80	94.28	99.55	
85	119.30	125.70	
90	149.94	157.79	
95	181.92	191.30	
100	213.01	223.90	
105	241.91	254.23	
110	267.78	281.36	
115	290.00	304.68	
120	308.16	323.74	
125	322.01	338.28	
130	331.45	348.18	
135	336.52	353.50	
140	337.40	354.42	
145	334.35	351.22	
150	327.71	344.25	
155	317.83	333.88	
160	305.05	320.48	
165	289.71	304.37	
170	272.07	285.87	
175	252.41	265.24	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	230.95	242.73	
185	207.95	218.60	
190	183.69	193.16	
195	158.53	166.79	
200	132.92	139.96	
205	107.46	113.32	
210	82.90	87.67	
215	60.31	64.19	
220	41.50	44.82	
225	29.93	33.13	
230	29.21	32.42	
235	35.56	38.78	
240	42.79	46.14	
245	48.31	51.80	
250	51.59	55.18	
255	52.97	56.60	
260	53.21	56.85	
265	53.16	56.80	
270	53.40	57.04	
275	53.99	57.65	
280	54.44	58.12	
285	54.03	57.70	
290	52.20	55.80	
295	48.91	52.42	
300	45.26	48.67	
305	43.96	47.34	
310	48.74	52.24	
315	61.18	65.09	
320	79.86	84.51	
325	102.60	108.24	
330	127.69	134.48	
335	153.81	161.84	
340	179.90	189.19	
345	205.08	215.59	
350	228.56	240.22	
355	249.66	262.35	