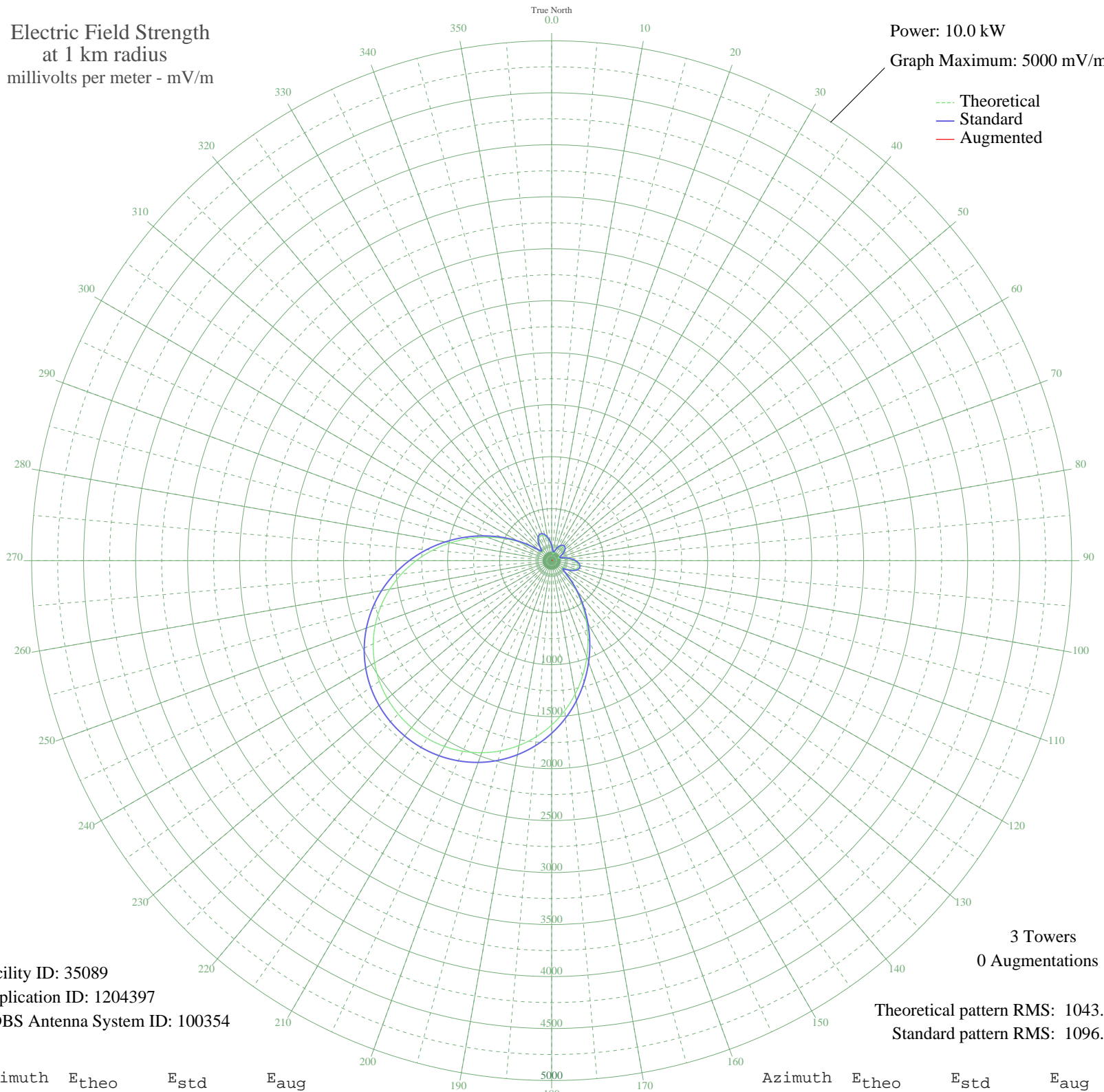


# KLTV BRIGHTON, CO BP-20070912AAC 810 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 35089  
Application ID: 1204397  
CDBS Antenna System ID: 100354

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1043.36  
Standard pattern RMS: 1096.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	133.00	148.32	
5	91.64	108.42	
10	64.96	84.54	
15	71.05	89.78	
20	98.61	114.96	
25	128.16	143.54	
30	152.01	167.25	
35	167.19	182.52	
40	172.38	187.77	
45	167.19	182.52	
50	152.01	167.25	
55	128.16	143.54	
60	98.61	114.96	
65	71.05	89.78	
70	64.96	84.54	
75	91.64	108.42	
80	133.00	148.32	
85	175.89	191.32	
90	213.90	230.09	
95	242.69	259.67	
100	258.70	276.19	
105	259.14	276.64	
110	242.16	259.13	
115	207.69	223.72	
120	159.92	175.19	
125	118.92	134.49	
130	140.01	155.27	
135	232.57	249.26	
140	359.81	381.08	
145	505.50	533.12	
150	662.22	697.13	
155	824.66	867.33	
160	988.23	1038.85	
165	1148.89	1207.37	
170	1303.09	1369.15	
175	1447.83	1521.04	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1580.73	1660.52	
185	1700.00	1785.70	
190	1804.39	1895.27	
195	1893.12	1988.40	
200	1965.77	2064.66	
205	2022.19	2123.89	
210	2062.40	2166.09	
215	2086.47	2191.36	
220	2094.48	2199.77	
225	2086.47	2191.36	
230	2062.40	2166.09	
235	2022.19	2123.89	
240	1965.77	2064.66	
245	1893.12	1988.40	
250	1804.39	1895.27	
255	1700.00	1785.70	
260	1580.73	1660.52	
265	1447.83	1521.04	
270	1303.08	1369.15	
275	1148.89	1207.37	
280	988.23	1038.85	
285	824.66	867.33	
290	662.22	697.13	
295	505.50	533.12	
300	359.80	381.08	
305	232.57	249.26	
310	140.01	155.27	
315	118.92	134.49	
320	159.92	175.19	
325	207.69	223.72	
330	242.16	259.13	
335	259.14	276.64	
340	258.70	276.19	
345	242.69	259.67	
350	213.90	230.08	
355	175.89	191.32	

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.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission