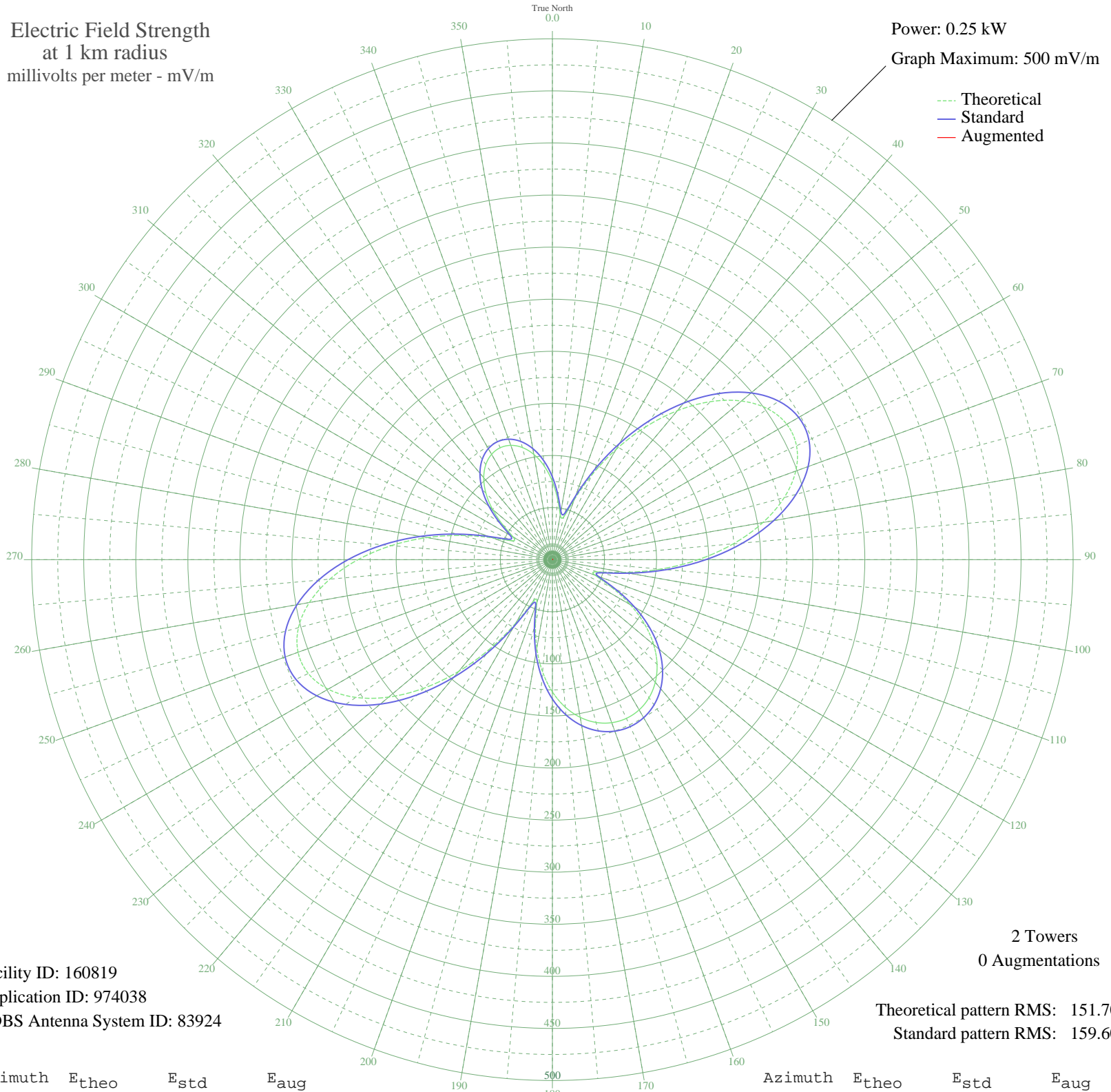


NEW BAKER, CA BNP-20040130AOQ 1420 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 160819
Application ID: 974038
CDBS Antenna System ID: 83924

2 Towers
0 Augmentations

Theoretical pattern RMS: 151.70
Standard pattern RMS: 159.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	74.97	79.42	
5	57.95	61.75	
10	43.57	46.94	
15	42.84	46.19	
20	61.15	65.07	
25	89.70	94.77	
30	122.11	128.64	
35	155.18	163.28	
40	186.65	196.26	
45	214.51	225.48	
50	236.95	249.02	
55	252.46	265.29	
60	259.90	273.09	
65	258.65	271.78	
70	248.67	261.32	
75	230.51	242.27	
80	205.25	215.77	
85	174.44	183.46	
90	139.99	147.37	
95	104.21	109.93	
100	70.32	74.58	
105	45.21	48.61	
110	43.53	46.90	
115	62.69	66.66	
120	86.24	91.16	
125	108.19	114.09	
130	126.96	133.72	
135	142.13	149.60	
140	153.68	161.71	
145	161.77	170.18	
150	166.54	175.18	
155	168.11	176.83	
160	166.54	175.18	
165	161.77	170.18	
170	153.68	161.71	
175	142.13	149.60	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	126.96	133.72	
185	108.19	114.09	
190	86.24	91.16	
195	62.69	66.66	
200	43.53	46.90	
205	45.21	48.61	
210	70.32	74.58	
215	104.21	109.93	
220	139.99	147.37	
225	174.44	183.46	
230	205.25	215.77	
235	230.51	242.27	
240	248.67	261.32	
245	258.65	271.78	
250	259.90	273.09	
255	252.46	265.29	
260	236.95	249.02	
265	214.51	225.48	
270	186.65	196.26	
275	155.18	163.28	
280	122.11	128.64	
285	89.70	94.77	
290	61.15	65.07	
295	42.84	46.19	
300	43.57	46.94	
305	57.95	61.75	
310	74.97	79.42	
315	90.29	95.38	
320	102.59	108.23	
325	111.45	117.50	
330	116.78	123.07	
335	118.55	124.92	
340	116.78	123.07	
345	111.45	117.50	
350	102.59	108.23	
355	90.29	95.38	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission