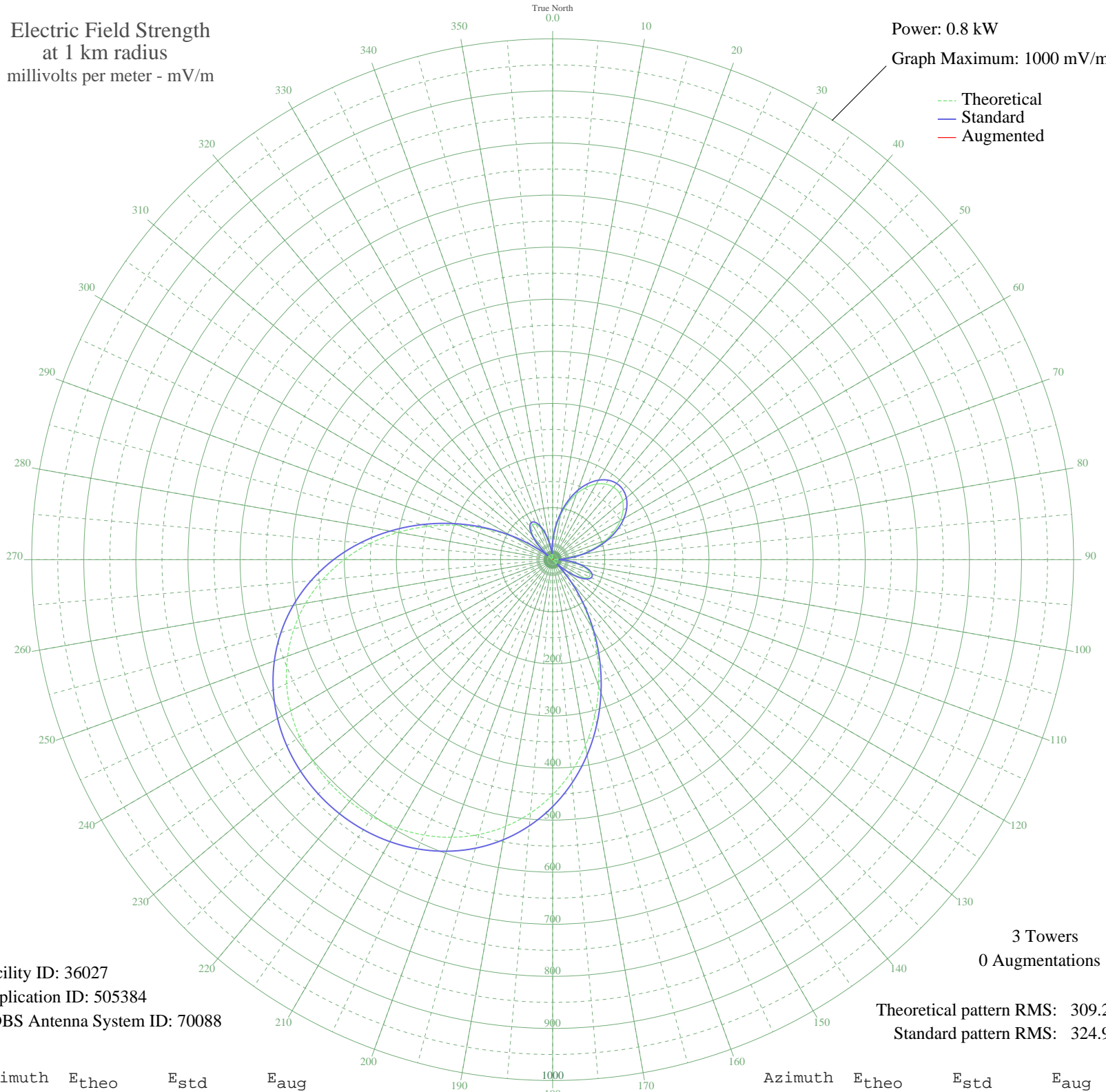


# KAFY BAKERSFIELD, CA BL-20000621AFK 1100 kHz

Nighttime

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

Power: 0.8 kW  
Graph Maximum: 1000 mV/m



Facility ID: 36027  
Application ID: 505384  
CDBS Antenna System ID: 70088

3 Towers  
0 Augmentations

Theoretical pattern RMS: 309.26  
Standard pattern RMS: 324.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	30.67	34.13	
5	59.17	63.15	
10	86.73	91.77	
15	112.19	118.34	
20	134.60	141.78	
25	153.21	161.27	
30	167.48	176.22	
35	177.01	186.21	
40	181.58	190.99	
45	181.07	190.46	
50	175.50	184.62	
55	164.99	173.61	
60	149.82	157.72	
65	130.40	137.39	
70	107.32	113.25	
75	81.35	86.17	
80	53.51	57.31	
85	24.97	28.56	
90	2.85	11.70	
95	28.43	31.92	
100	50.16	53.87	
105	66.46	70.69	
110	75.88	80.47	
115	77.22	81.87	
120	69.68	74.03	
125	52.86	56.64	
130	26.89	30.41	
135	7.59	13.84	
140	49.48	53.17	
145	97.29	102.78	
150	149.27	157.14	
155	203.55	214.03	
160	258.27	271.42	
165	311.74	327.52	
170	362.47	380.76	
175	409.31	429.92	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	451.45	474.16	
185	488.40	512.95	
190	519.97	546.08	
195	546.18	573.61	
200	567.26	595.73	
205	583.50	612.78	
210	595.22	625.09	
215	602.73	632.97	
220	606.23	636.65	
225	605.85	636.24	
230	601.55	631.73	
235	593.23	622.99	
240	580.62	609.76	
245	563.44	591.72	
250	541.36	568.54	
255	514.09	539.91	
260	481.44	505.64	
265	443.43	465.74	
270	400.30	420.46	
275	352.60	370.40	
280	301.22	316.48	
285	247.38	259.99	
290	192.60	202.54	
295	138.63	146.00	
300	87.33	92.39	
305	40.58	44.08	
310	0.06	11.31	
315	32.79	36.24	
320	56.96	60.87	
325	71.92	76.36	
330	77.65	82.31	
335	74.60	79.15	
340	63.70	67.84	
345	46.20	49.81	
350	23.57	27.21	
355	2.59	11.63	

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission