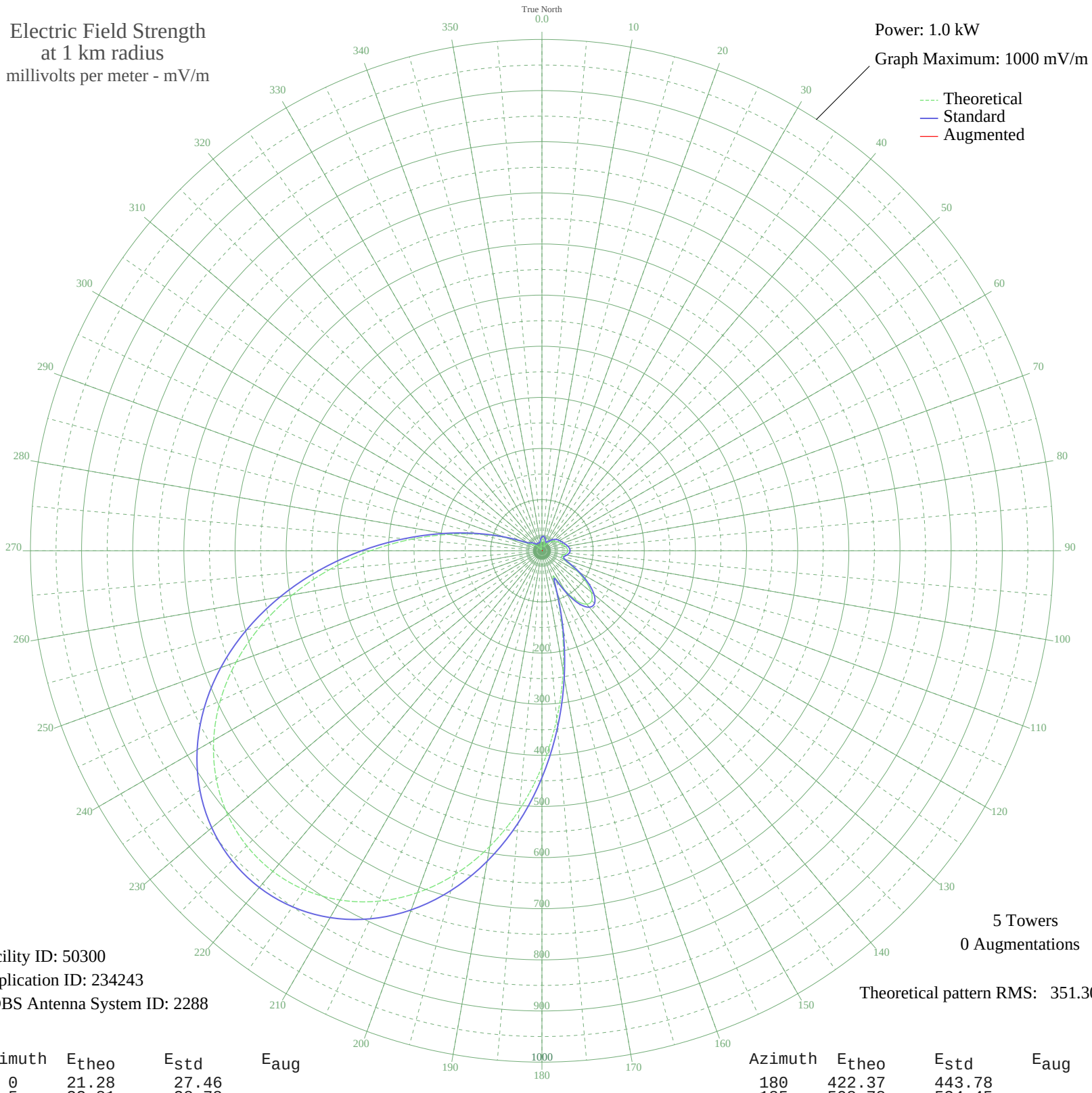
KFIA CARMICHAEL, CA BL-19961015AC 710 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

Facility ID: 50300
Application ID: 234243
CDBS Antenna System ID: 2288

5 Towers
0 Augmentations

Theoretical pattern RMS: 351.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	21.28	27.46	
5	22.81	28.78	
10	21.58	27.72	
15	17.98	24.72	
20	13.04	21.04	
25	9.15	18.64	
30	10.35	19.31	
35	15.39	22.72	
40	20.87	27.12	
45	25.60	31.26	
50	29.32	34.68	
55	32.20	37.39	
60	34.65	39.73	
65	37.13	42.13	
70	39.99	44.92	
75	43.27	48.16	
80	46.63	51.50	
85	49.30	54.17	
90	50.26	55.13	
95	48.59	53.46	
100	44.23	49.11	
105	39.67	44.61	
110	41.94	46.85	
115	56.57	61.51	
120	79.69	85.18	
125	104.69	111.07	
130	125.73	132.98	
135	137.68	145.44	
140	136.35	144.05	
145	119.28	126.26	
150	87.46	93.21	
155	55.34	60.26	
160	78.91	84.38	
165	151.21	159.57	
170	238.63	251.07	
175	330.92	347.83	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	422.37	443.78	
185	508.78	534.45	
190	587.02	616.58	
195	655.03	687.97	
200	711.59	747.34	
205	756.18	794.15	
210	788.73	828.32	
215	809.42	850.04	
220	818.47	859.54	
225	816.10	857.05	
230	802.39	842.66	
235	777.38	816.40	
240	741.13	778.35	
245	693.88	728.75	
250	636.22	668.22	
255	569.30	597.98	
260	494.98	519.97	
265	415.85	436.94	
270	335.25	352.37	
275	256.99	270.31	
280	185.04	194.95	
285	123.14	130.28	
290	74.40	79.74	
295	41.33	46.24	
300	25.34	31.03	
305	20.96	27.19	
310	17.50	24.34	
315	11.60	20.08	
320	5.11	16.84	
325	3.85	16.47	
330	6.16	17.23	
335	5.69	17.05	
340	2.48	16.18	
345	4.66	16.70	
350	11.16	19.81	
355	17.15	24.07	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission