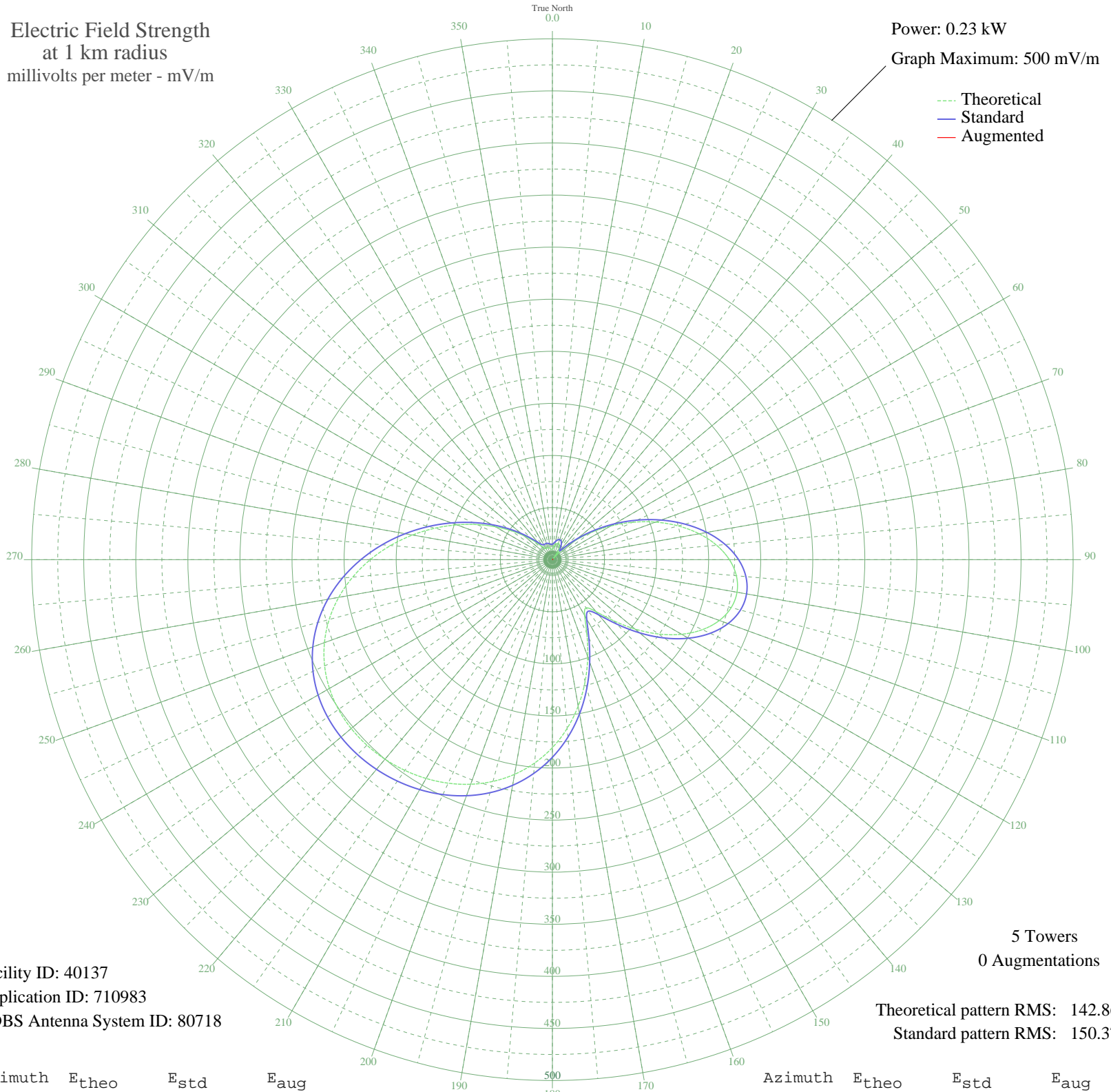


KPIG PIEDMONT, CA BL-20031128AEW 1510 kHz

Nighttime

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

Power: 0.23 kW
Graph Maximum: 500 mV/m



Facility ID: 40137
Application ID: 710983
CDBS Antenna System ID: 80718

5 Towers
0 Augmentations

Theoretical pattern RMS: 142.86
Standard pattern RMS: 150.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	9.93	14.79	
5	11.46	15.97	
10	13.75	17.85	
15	15.81	19.64	
20	16.78	20.51	
25	15.98	19.79	
30	12.89	17.13	
35	7.15	12.91	
40	2.67	10.87	
45	13.86	17.94	
50	28.48	31.69	
55	45.63	49.05	
60	64.71	68.75	
65	84.94	89.80	
70	105.42	111.18	
75	125.14	131.82	
80	143.10	150.63	
85	158.33	166.58	
90	169.97	178.78	
95	177.35	186.51	
100	180.02	189.31	
105	177.76	186.95	
110	170.64	179.48	
115	158.96	167.24	
120	143.28	150.81	
125	124.43	131.07	
130	103.61	109.30	
135	82.70	87.47	
140	65.05	69.10	
145	56.50	60.25	
150	61.96	65.90	
155	78.22	82.80	
160	99.20	104.69	
165	121.29	127.78	
170	142.71	150.21	
175	162.57	171.02	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	180.40	189.71	
185	195.97	206.04	
190	209.26	219.97	
195	220.35	231.61	
200	229.44	241.14	
205	236.76	248.82	
210	242.53	254.88	
215	246.94	259.50	
220	250.07	262.78	
225	251.86	264.66	
230	252.17	264.98	
235	250.71	263.46	
240	247.21	259.78	
245	241.35	253.63	
250	232.94	244.81	
255	221.90	233.23	
260	208.33	219.00	
265	192.51	202.41	
270	174.87	183.91	
275	155.94	164.08	
280	136.36	143.56	
285	116.75	123.04	
290	97.70	103.12	
295	79.71	84.35	
300	63.21	67.19	
305	48.51	52.01	
310	35.88	39.12	
315	25.61	28.87	
320	18.05	21.67	
325	13.65	17.77	
330	12.20	16.56	
335	12.24	16.60	
340	12.31	16.65	
345	11.78	16.22	
350	10.73	15.40	
355	9.80	14.71	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission