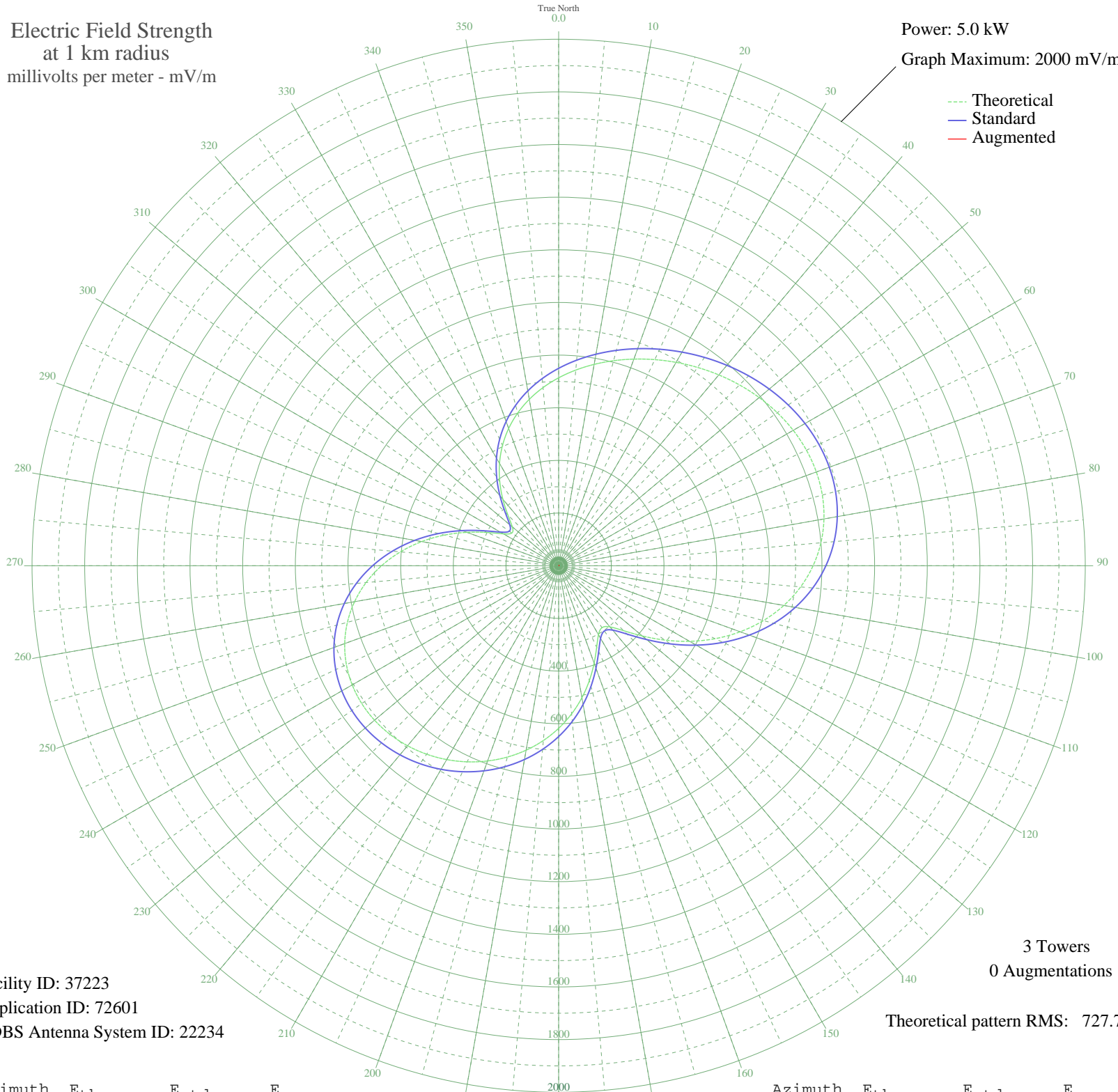


# KVNR SANTA ANA, CA BL-19840917AL 1480 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 37223  
Application ID: 72601  
CDBS Antenna System ID: 22234

3 Towers  
0 Augmentations

Theoretical pattern RMS: 727.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	713.84	749.90	
5	746.05	783.71	
10	776.69	815.86	
15	806.31	846.95	
20	835.31	877.39	
25	863.89	907.39	
30	892.08	936.97	
35	919.67	965.94	
40	946.29	993.88	
45	971.35	1020.19	
50	994.09	1044.06	
55	1013.58	1064.52	
60	1028.74	1080.44	
65	1038.44	1090.62	
70	1041.48	1093.81	
75	1036.72	1088.81	
80	1023.12	1074.54	
85	999.86	1050.12	
90	966.39	1014.99	
95	922.53	968.94	
100	868.53	912.26	
105	805.12	845.70	
110	733.58	770.62	
115	655.77	688.96	
120	574.25	603.42	
125	492.43	517.59	
130	415.08	436.47	
135	348.95	367.14	
140	303.23	319.26	
145	287.10	302.36	
150	302.55	318.54	
155	341.71	359.57	
160	393.88	414.24	
165	451.17	474.31	
170	508.98	534.95	
175	564.86	593.57	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	617.57	648.87	
185	666.52	700.24	
190	711.49	747.44	
195	752.42	790.39	
200	789.26	829.05	
205	821.93	863.35	
210	850.27	893.10	
215	874.00	918.00	
220	892.70	937.63	
225	905.85	951.43	
230	912.80	958.73	
235	912.86	958.79	
240	905.30	950.86	
245	889.43	934.20	
250	864.67	908.20	
255	830.59	872.43	
260	787.03	826.72	
265	734.17	771.24	
270	672.58	706.60	
275	603.34	633.94	
280	528.12	555.03	
285	449.41	472.46	
290	370.90	390.15	
295	298.54	314.34	
300	242.30	255.50	
305	216.57	228.60	
310	229.82	242.45	
315	272.69	287.29	
320	329.51	346.78	
325	390.04	410.21	
330	449.12	472.16	
335	504.38	530.12	
340	554.91	583.13	
345	600.62	631.08	
350	641.89	674.39	
355	679.38	713.74	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission