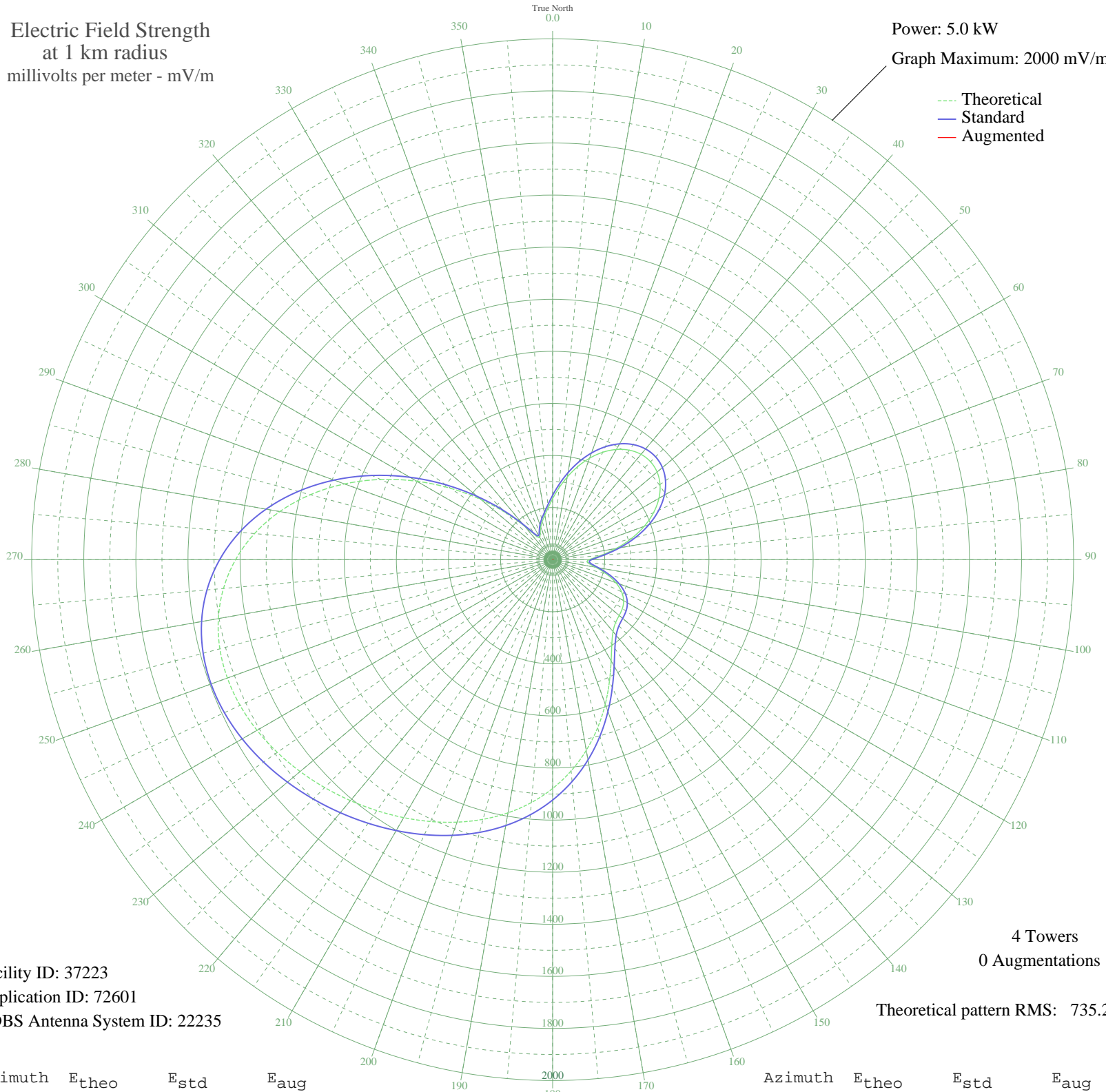


KVNR SANTA ANA, CA BL-19840917AL 1480 kHz

Nighttime

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: 22235

4 Towers
0 Augmentations
Theoretical pattern RMS: 735.29

Azimuth	E _{theo}	E _{std}	E _{aug}
0	234.35	247.19	
5	276.03	290.78	
10	322.15	339.07	
15	369.38	388.56	
20	414.57	435.93	
25	455.01	478.34	
30	488.49	513.45	
35	513.26	539.44	
40	527.96	554.86	
45	531.58	558.66	
50	523.46	550.13	
55	503.26	528.95	
60	471.09	495.20	
65	427.56	449.55	
70	373.97	393.37	
75	312.58	329.04	
80	247.23	260.65	
85	185.03	195.69	
90	140.47	149.35	
95	135.18	143.86	
100	167.96	177.92	
105	214.22	226.15	
110	257.83	271.73	
115	291.95	307.44	
120	314.49	331.05	
125	326.78	343.92	
130	333.39	350.85	
135	341.80	359.66	
140	360.63	379.38	
145	396.06	416.53	
150	449.03	472.07	
155	515.77	542.07	
160	590.55	620.52	
165	667.86	701.65	
170	743.39	780.91	
175	814.21	855.24	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	878.67	922.90	
185	936.23	983.32	
190	987.13	1036.76	
195	1032.21	1084.08	
200	1072.58	1126.46	
205	1109.42	1165.13	
210	1143.78	1201.20	
215	1176.44	1235.48	
220	1207.76	1268.37	
225	1237.66	1299.75	
230	1265.55	1329.03	
235	1290.34	1355.06	
240	1310.49	1376.22	
245	1324.08	1390.48	
250	1328.92	1395.56	
255	1322.71	1389.04	
260	1303.22	1368.58	
265	1268.54	1332.17	
270	1217.30	1278.38	
275	1148.91	1206.59	
280	1063.76	1117.19	
285	963.34	1011.77	
290	850.29	893.12	
295	728.37	765.15	
300	602.23	632.77	
305	477.16	501.57	
310	358.87	377.55	
315	253.43	267.13	
320	167.97	177.93	
325	113.15	121.11	
330	99.41	106.99	
335	113.55	121.51	
340	133.45	142.08	
345	152.57	161.91	
350	173.31	183.49	
355	199.85	211.15	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission