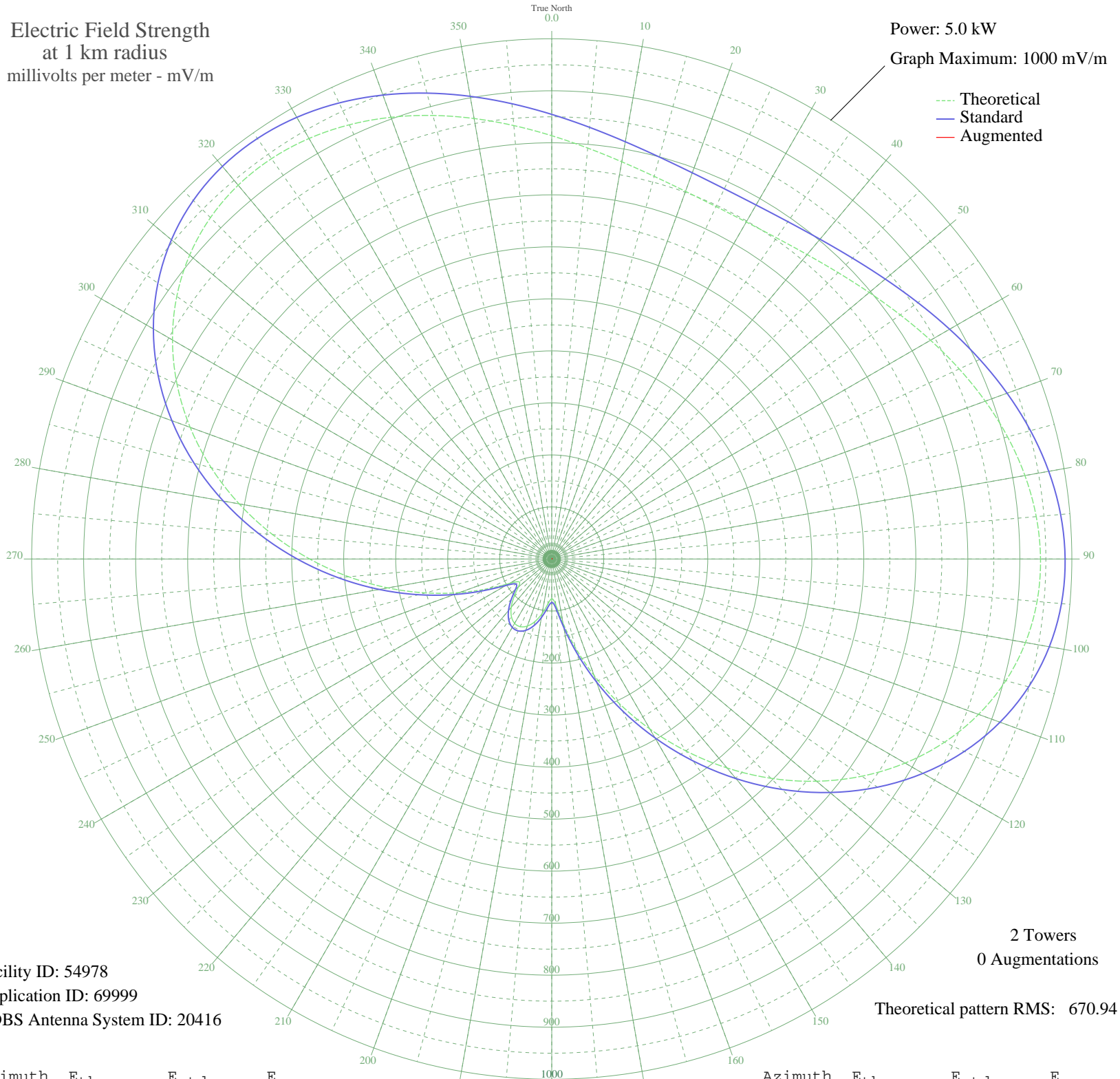


# KRAC QUINCY, CA BL-19840604AA 1370 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 54978  
Application ID: 69999  
CDBS Antenna System ID: 20416

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 670.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	813.66	854.67	
5	792.98	832.96	
10	775.29	814.40	
15	761.44	799.85	
20	752.03	789.98	
25	747.49	785.21	
30	747.99	785.74	
35	753.53	791.56	
40	763.87	802.41	
45	778.55	817.81	
50	796.91	837.08	
55	818.07	859.30	
60	840.99	883.35	
65	864.43	907.96	
70	887.04	931.68	
75	907.34	953.00	
80	923.86	970.33	
85	935.13	982.16	
90	939.80	987.07	
95	936.70	983.81	
100	924.91	971.44	
105	903.84	949.33	
110	873.26	917.22	
115	833.32	875.30	
120	784.57	824.13	
125	727.93	764.68	
130	664.64	698.27	
135	596.21	626.46	
140	524.31	551.03	
145	450.75	473.87	
150	377.36	396.92	
155	305.99	322.15	
160	238.57	251.59	
165	177.27	187.61	
170	125.26	133.60	
175	88.53	95.87	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	76.24	83.42	
185	87.13	94.45	
190	106.45	114.21	
195	124.40	132.71	
200	137.22	145.98	
205	143.51	152.50	
210	142.80	151.77	
215	135.15	143.84	
220	121.15	129.35	
225	102.50	110.15	
230	83.81	91.08	
235	76.49	83.67	
240	94.21	101.67	
245	134.70	143.37	
250	188.91	199.74	
255	251.64	265.26	
260	320.01	336.83	
265	391.93	412.20	
270	465.51	489.35	
275	538.88	566.31	
280	610.23	641.17	
285	677.76	712.04	
290	739.83	777.18	
295	794.98	835.06	
300	842.03	884.45	
305	880.14	924.44	
310	908.82	954.55	
315	928.00	974.68	
320	937.99	985.17	
325	939.45	986.70	
330	933.36	980.31	
335	920.93	967.26	
340	903.53	949.00	
345	882.65	927.08	
350	859.77	903.06	
355	836.33	878.46	

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