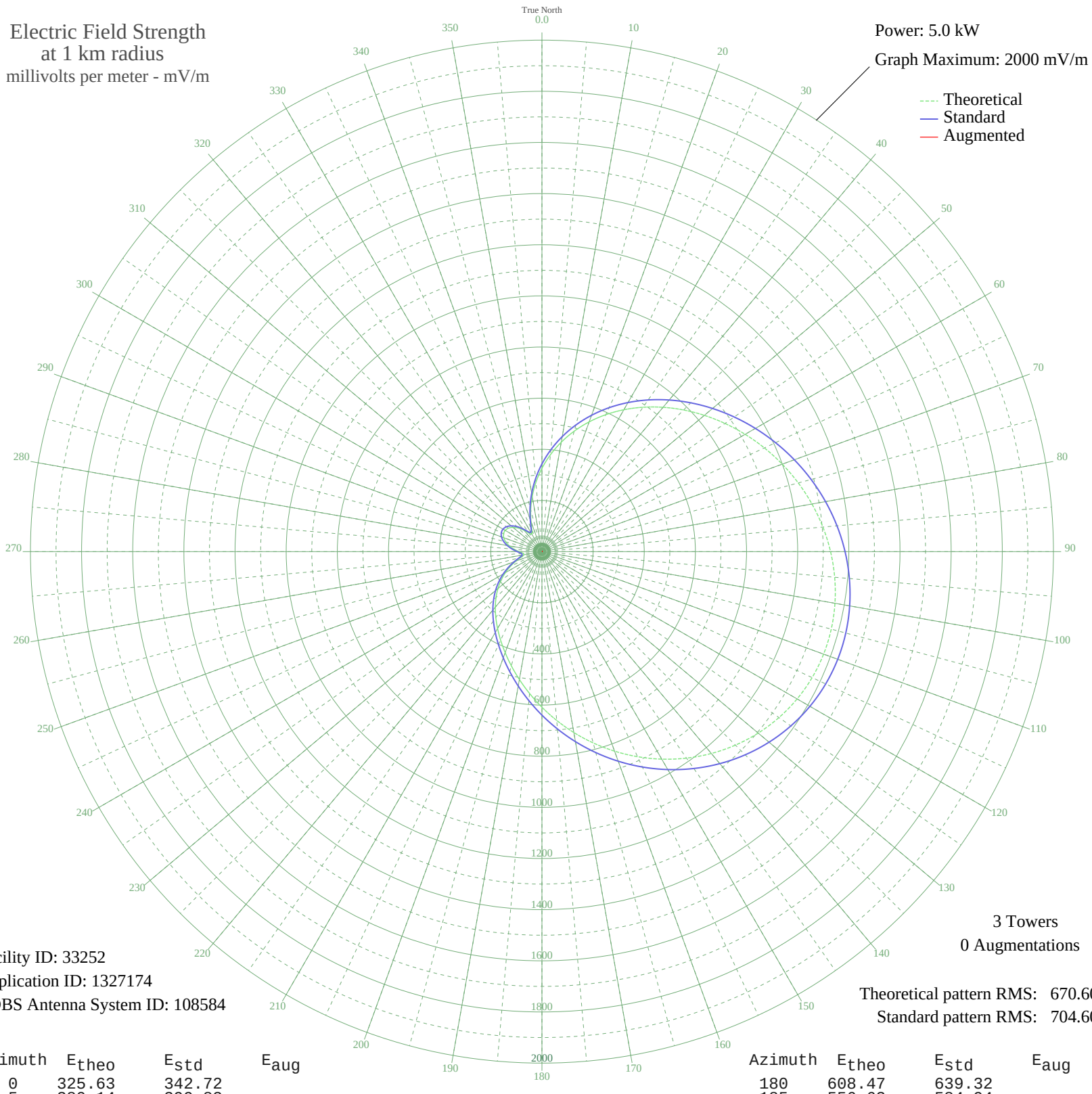
KQEQ FOWLER, CA BMML-20090803AIG 1210 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 33252
Application ID: 1327174
CDBS Antenna System ID: 108584

Theoretical pattern RMS: 670.60
Standard pattern RMS: 704.60

Azimuth	E_{theo}	E_{std}	E_{aug}
0	325.63	342.72	
5	380.14	399.83	
10	434.30	456.62	
15	487.64	512.56	
20	539.87	567.35	
25	590.85	620.84	
30	640.59	673.03	
35	689.18	724.02	
40	736.72	773.91	
45	783.33	822.83	
50	829.05	870.81	
55	873.82	917.81	
60	917.46	963.62	
65	959.64	1007.90	
70	999.89	1050.15	
75	1037.62	1089.75	
80	1072.14	1125.99	
85	1102.70	1158.08	
90	1128.57	1185.23	
95	1149.01	1206.69	
100	1163.40	1221.79	
105	1171.20	1229.98	
110	1172.03	1230.86	
115	1165.67	1224.18	
120	1152.08	1209.91	
125	1131.37	1188.17	
130	1103.85	1159.28	
135	1069.99	1123.73	
140	1030.38	1082.15	
145	985.74	1035.29	
150	936.90	984.03	
155	884.77	929.30	
160	830.28	872.11	
165	774.44	813.50	
170	718.22	754.50	
175	662.60	696.12	
180	608.47	639.32	
185	556.63	584.94	
190	507.75	533.66	
195	462.28	485.96	
200	420.42	442.06	
205	382.09	401.88	
210	346.93	365.03	
215	314.34	330.90	
220	283.57	298.67	
225	253.81	267.54	
230	224.38	236.76	
235	194.80	205.89	
240	165.00	174.83	
245	135.44	144.14	
250	107.50	115.30	
255	84.27	91.55	
260	71.43	78.59	
265	74.06	81.23	
270	89.12	96.47	
275	109.19	117.03	
280	129.18	137.65	
285	146.23	155.33	
290	158.67	168.25	
295	165.44	175.29	
300	165.91	175.78	
305	159.86	169.49	
310	147.51	156.65	
315	129.70	138.19	
320	108.43	116.25	
325	88.36	95.70	
330	79.41	86.62	
335	92.51	99.93	
340	125.31	133.65	
345	169.19	179.19	
350	218.83	230.97	
355	271.51	286.05	

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