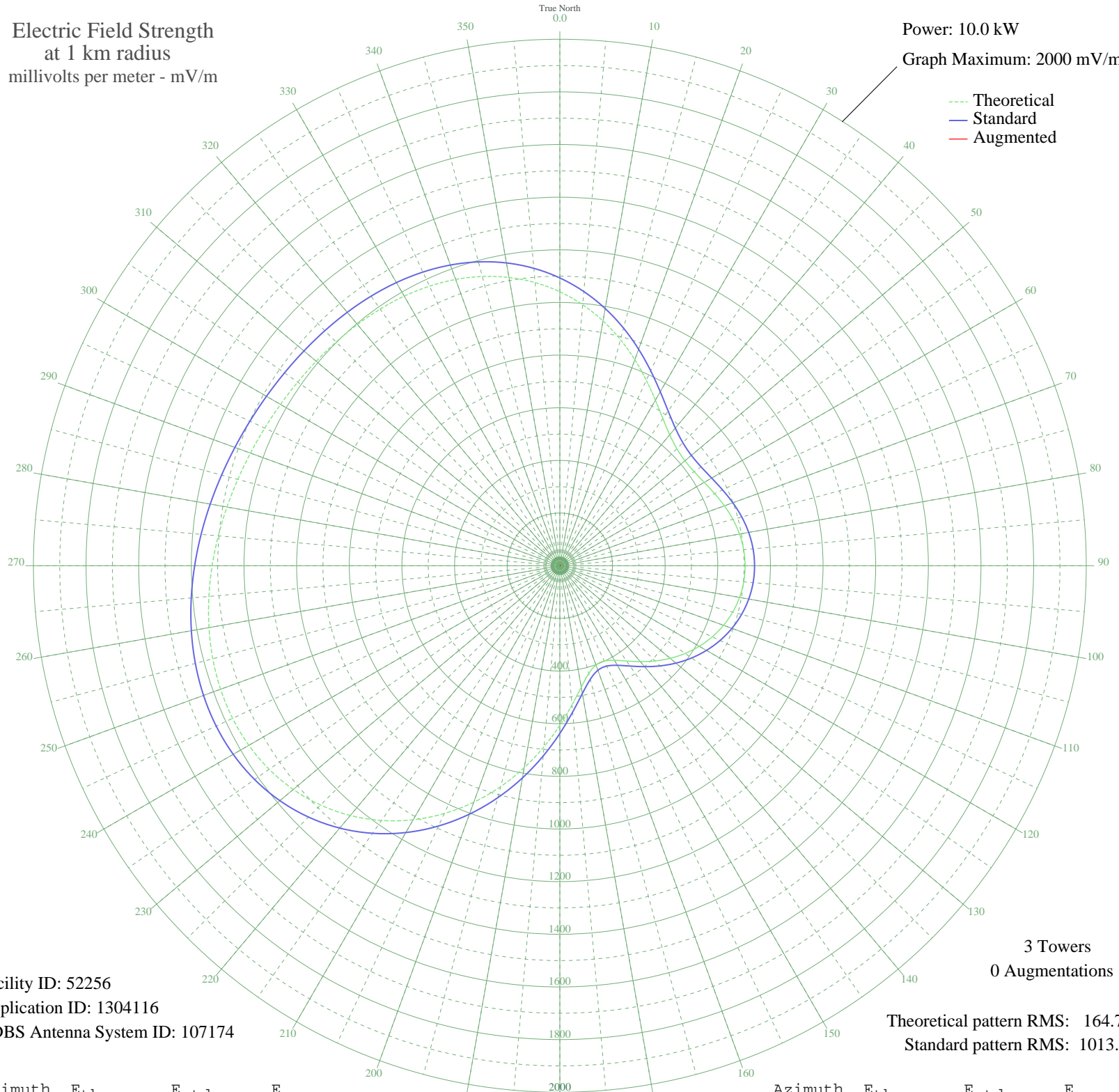


# KATD PITTSBURG, CA BMML-20090323AEE 990 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 52256  
Application ID: 1304116  
CDBS Antenna System ID: 107174

3 Towers  
0 Augmentations

Theoretical pattern RMS: 164.70  
Standard pattern RMS: 1013.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1040.67	1093.20	
5	995.24	1045.53	
10	944.32	992.09	
15	889.46	934.52	
20	832.86	875.13	
25	777.33	816.87	
30	726.10	763.13	
35	682.50	717.40	
40	649.44	682.71	
45	628.69	660.96	
50	620.40	652.26	
55	622.96	654.95	
60	633.52	666.02	
65	648.70	681.94	
70	665.31	699.36	
75	680.74	715.55	
80	693.06	728.47	
85	701.00	736.80	
90	703.84	739.78	
95	701.27	737.09	
100	693.27	728.69	
105	680.01	714.78	
110	661.76	695.64	
115	638.89	671.65	
120	611.80	643.25	
125	581.01	610.96	
130	547.22	575.54	
135	511.49	538.10	
140	475.52	500.40	
145	441.97	465.25	
150	414.82	436.82	
155	399.38	420.66	
160	401.26	422.63	
165	424.22	446.66	
170	468.34	492.87	
175	530.47	557.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	605.97	637.14	
185	690.17	725.44	
190	778.88	818.50	
195	868.48	912.51	
200	955.88	1004.23	
205	1038.49	1090.92	
210	1114.18	1170.36	
215	1181.28	1240.79	
220	1238.65	1301.00	
225	1285.61	1350.30	
230	1321.99	1388.48	
235	1348.00	1415.79	
240	1364.29	1432.89	
245	1371.76	1440.73	
250	1371.57	1440.53	
255	1365.03	1433.66	
260	1353.50	1421.57	
265	1338.39	1405.70	
270	1321.01	1387.45	
275	1302.58	1368.11	
280	1284.18	1348.80	
285	1266.70	1330.45	
290	1250.81	1313.77	
295	1236.96	1299.24	
300	1225.35	1287.05	
305	1215.93	1277.15	
310	1208.36	1269.22	
315	1202.11	1262.65	
320	1196.37	1256.62	
325	1190.17	1250.11	
330	1182.38	1241.94	
335	1171.79	1230.83	
340	1157.22	1215.54	
345	1137.56	1194.90	
350	1111.90	1167.97	
355	1079.66	1134.13	

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