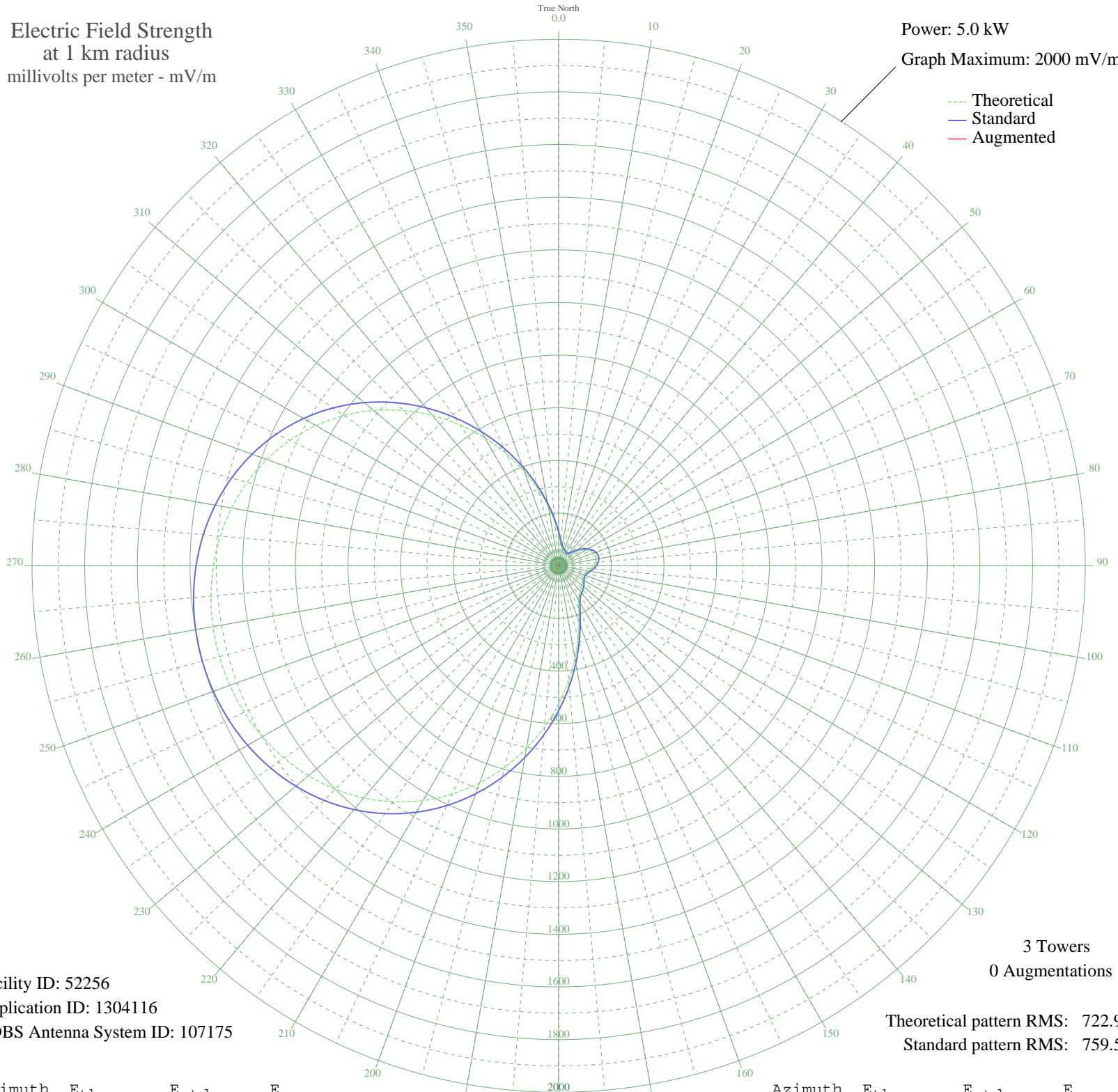


KATD PITTSBURG, CA BMML-20090323AEE 990 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 52256
Application ID: 1304116
CDBS Antenna System ID: 107175

3 Towers
0 Augmentations

Theoretical pattern RMS: 722.90
Standard pattern RMS: 759.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	120.93	129.51	
5	88.52	96.37	
10	70.53	78.31	
15	62.41	70.31	
20	57.78	65.79	
25	53.02	61.22	
30	48.65	57.08	
35	48.28	56.73	
40	55.29	63.40	
45	68.93	76.73	
50	85.93	93.75	
55	103.38	111.49	
60	119.23	127.76	
65	132.10	141.03	
70	141.09	150.32	
75	145.69	155.08	
80	145.78	155.18	
85	141.65	150.89	
90	133.98	142.96	
95	123.96	132.63	
100	113.32	121.68	
105	104.25	112.39	
110	98.98	107.00	
115	98.72	106.74	
120	102.84	110.94	
125	109.26	117.52	
130	115.85	124.27	
135	121.48	130.08	
140	126.95	135.71	
145	135.43	144.47	
150	152.10	161.73	
155	181.86	192.64	
160	226.76	239.46	
165	285.96	301.33	
170	357.07	375.79	
175	437.28	459.85	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	523.68	550.45	
185	613.44	644.61	
190	703.88	739.51	
195	792.58	832.60	
200	877.47	921.70	
205	956.84	1005.01	
210	1029.44	1081.21	
215	1094.42	1149.42	
220	1151.32	1209.15	
225	1200.01	1260.27	
230	1240.62	1302.90	
235	1273.45	1337.36	
240	1298.86	1364.04	
245	1317.25	1383.35	
250	1328.95	1395.63	
255	1334.18	1401.13	
260	1333.03	1399.92	
265	1325.43	1391.93	
270	1311.15	1376.95	
275	1289.88	1354.61	
280	1261.19	1324.49	
285	1224.65	1286.13	
290	1179.89	1239.15	
295	1126.68	1183.28	
300	1064.99	1118.53	
305	995.13	1045.19	
310	917.74	963.96	
315	833.88	875.94	
320	745.03	782.70	
325	653.06	686.19	
330	560.17	588.73	
335	468.77	492.87	
340	381.41	401.29	
345	300.61	316.66	
350	228.79	241.58	
355	168.21	178.44	