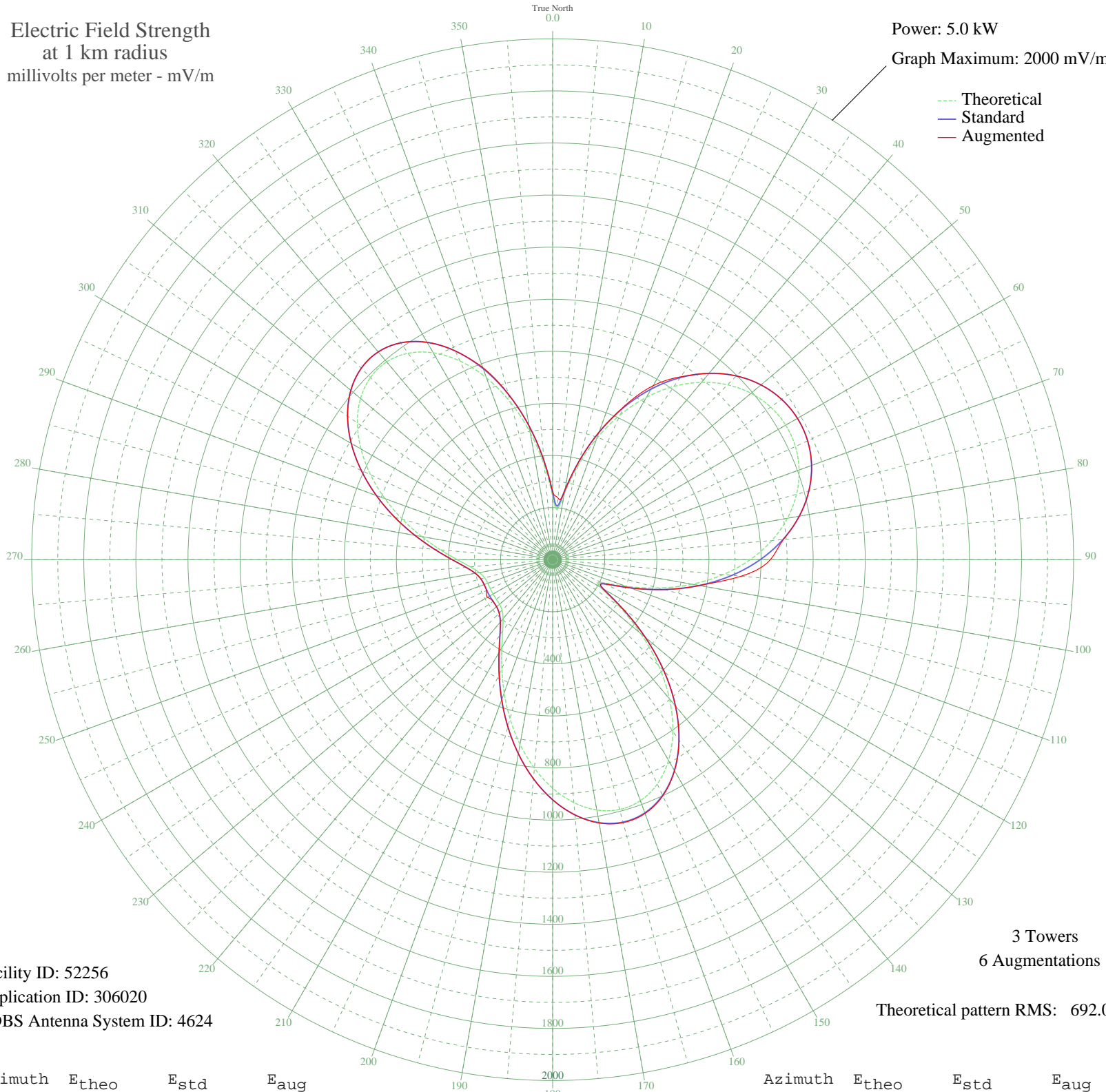


# KATD PITTSBURG, CA BL-- 990 kHz

Daytime

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: 306020  
CDBS Antenna System ID: 4624

3 Towers  
6 Augmentations  
Theoretical pattern RMS: 692.02

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	243.92	258.00	260.83
5	194.18	206.24	237.63
10	256.03	270.62	270.62
15	371.17	390.96	390.96
20	495.07	520.75	520.75
25	613.15	644.55	650.02
30	719.73	756.36	771.37
35	812.13	853.30	857.44
40	888.97	933.94	933.94
45	949.62	997.59	997.59
50	993.87	1044.03	1044.03
55	1021.68	1073.22	1073.22
60	1033.12	1085.23	1085.23
65	1028.22	1080.08	1080.08
70	1006.96	1057.77	1057.77
75	969.30	1018.24	1018.24
80	915.19	961.46	961.46
85	844.78	887.56	889.16
90	758.49	797.02	835.88
95	657.35	690.92	727.16
100	543.42	571.43	571.43
105	420.83	442.96	442.96
110	299.26	315.76	315.76
115	207.54	220.13	220.13
120	211.42	224.15	224.15
125	310.82	327.84	327.84
130	441.68	464.80	464.80
135	574.71	604.25	604.25
140	698.00	733.56	733.56
145	804.63	845.43	845.62
150	889.86	934.87	935.91
155	950.56	998.57	1000.57
160	985.06	1034.79	1037.26
165	993.20	1043.32	1045.53
170	976.17	1025.45	1026.82
175	936.47	983.78	984.21

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	877.61	922.02	922.02
185	803.94	844.71	844.71
190	720.33	756.99	756.99
195	631.96	664.28	664.28
200	544.09	572.14	572.14
205	461.99	486.09	486.09
210	390.70	411.42	411.42
215	334.58	352.69	352.69
220	296.20	312.56	312.56
225	274.82	290.23	290.23
230	266.11	281.14	281.14
235	264.17	279.12	279.12
240	264.22	279.17	288.69
245	264.14	279.08	280.10
250	264.84	279.81	279.81
255	270.14	285.35	285.35
260	285.78	301.68	301.68
265	317.06	334.36	334.36
270	366.24	385.80	385.80
275	431.91	454.57	454.57
280	510.27	536.69	536.69
285	596.45	627.05	627.05
290	685.26	720.20	720.20
295	771.41	810.58	810.58
300	849.66	892.69	892.69
305	915.00	961.25	961.25
310	962.84	1011.46	1011.46
315	989.30	1039.23	1039.23
320	991.45	1041.48	1041.48
325	967.54	1016.40	1016.40
330	917.21	963.57	963.57
335	841.50	884.12	884.12
340	742.96	780.72	785.37
345	625.65	657.67	658.25
350	495.48	521.18	521.18
355	361.70	381.05	381.05