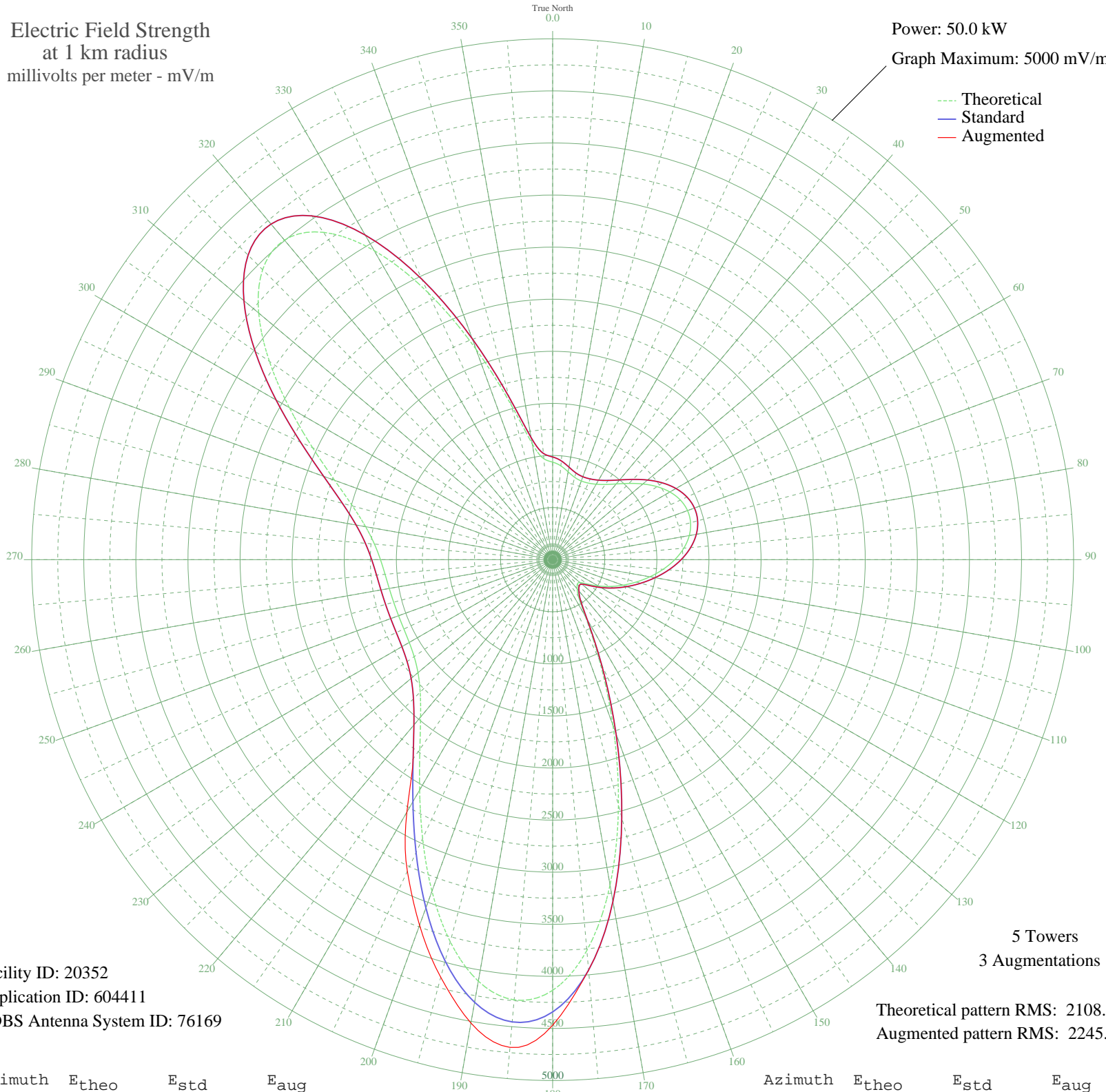


KHTK SACRAMENTO, CA BML-20020408ABQ 1140 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 20352
Application ID: 604411
CDBS Antenna System ID: 76169

5 Towers
3 Augmentations

Theoretical pattern RMS: 2108.90
Augmented pattern RMS: 2245.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	936.32	985.94	985.94
5	903.67	951.75	951.75
10	856.18	902.05	902.05
15	817.90	862.00	862.00
20	803.67	847.12	847.12
25	811.11	854.90	854.90
30	836.26	881.21	881.21
35	881.30	928.34	928.34
40	948.80	999.00	999.00
45	1035.11	1089.40	1089.40
50	1130.32	1189.16	1189.16
55	1222.15	1285.40	1285.40
60	1299.27	1366.25	1366.25
65	1352.97	1422.56	1422.56
70	1377.55	1448.34	1448.34
75	1370.33	1440.76	1440.76
80	1331.43	1399.97	1399.97
85	1263.65	1328.91	1328.91
90	1172.19	1233.03	1233.03
95	1064.12	1119.79	1119.79
100	947.57	997.71	997.71
105	830.14	874.81	874.81
110	716.88	756.38	756.38
115	608.68	643.41	643.41
120	504.10	534.49	534.49
125	407.76	434.54	434.54
130	341.97	366.66	366.66
135	333.47	357.93	357.93
140	366.87	392.31	392.31
145	431.80	459.43	459.43
150	626.38	661.88	661.88
155	1055.31	1110.56	1110.56
160	1692.75	1778.94	1778.94
165	2440.15	2563.23	2563.23
170	3172.12	3331.55	3331.55
175	3766.40	3955.42	3955.42

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	4134.48	4341.84	4469.46
185	4241.63	4454.33	4700.00
190	4108.70	4314.77	4516.77
195	3797.36	3987.92	4150.00
200	3387.04	3557.17	3734.60
205	2953.28	3101.84	3300.00
210	2553.60	2682.31	2798.05
215	2222.27	2334.57	2334.57
220	1971.77	2071.69	2071.69
225	1798.03	1889.39	1889.39
230	1687.33	1773.25	1773.25
235	1622.88	1705.64	1705.64
240	1589.48	1670.61	1670.61
245	1575.60	1656.04	1656.04
250	1573.63	1653.98	1653.98
255	1579.52	1660.16	1660.16
260	1592.40	1673.67	1673.67
265	1614.68	1697.04	1697.04
270	1652.63	1736.85	1736.85
275	1717.02	1804.40	1804.40
280	1823.06	1915.66	1915.66
285	1988.18	2088.91	2088.91
290	2226.56	2339.07	2339.07
295	2541.53	2669.64	2669.64
300	2918.14	3064.95	3064.95
305	3318.71	3485.43	3485.43
310	3683.15	3868.02	3868.02
315	3936.41	4133.90	4133.90
320	4004.33	4205.21	4205.21
325	3836.03	4028.52	4028.52
330	3426.11	3598.19	3598.19
335	2827.60	2969.91	2969.91
340	2149.07	2257.74	2257.74
345	1536.00	1614.51	1614.51
350	1130.91	1189.77	1189.77
355	972.68	1024.01	1024.01