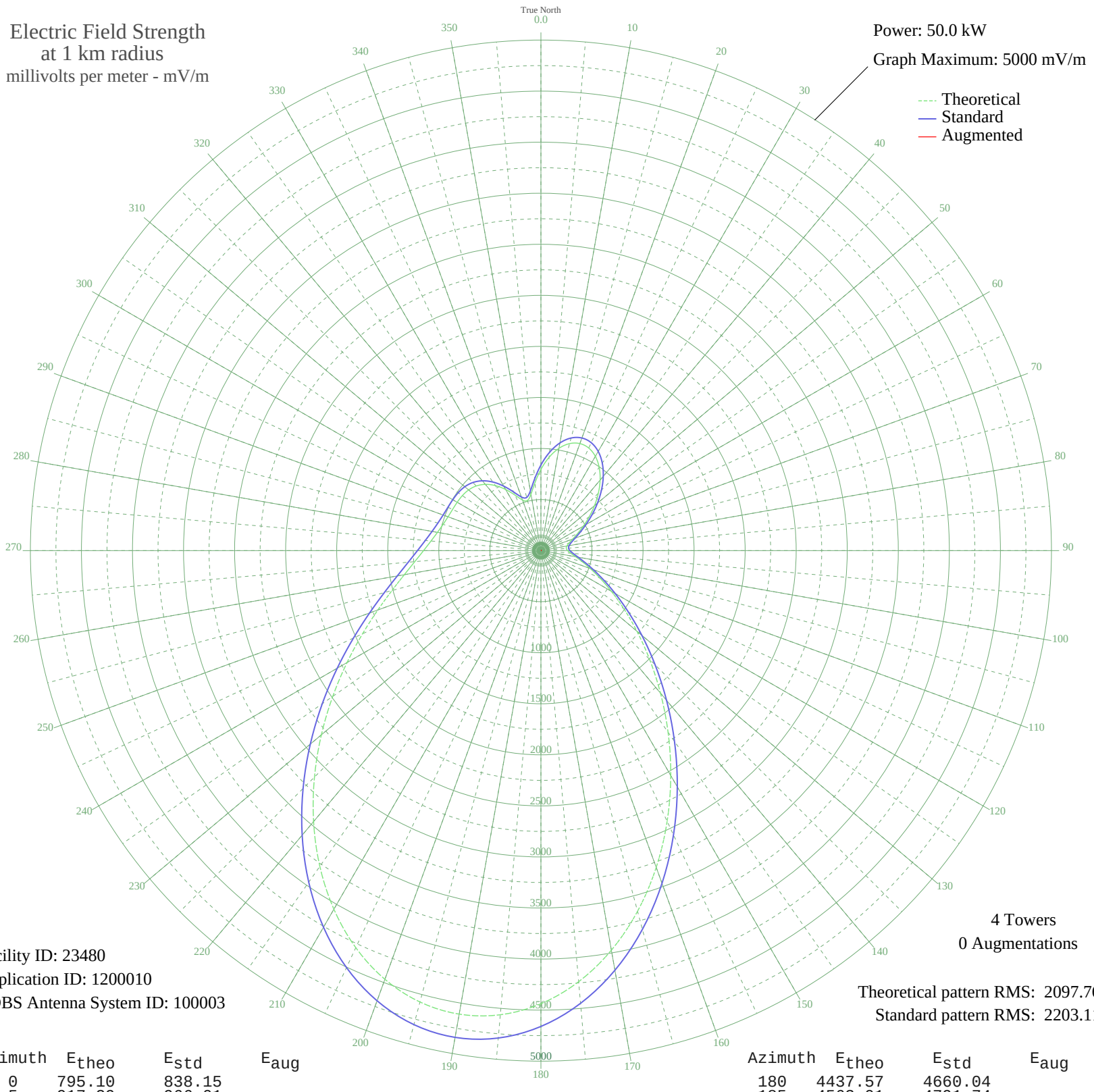
KALL NORTH SALT LAKE CITY, UT BL-20070724AEL 700 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 23480
Application ID: 1200010
CDBS Antenna System ID: 100003

Theoretical pattern RMS: 2097.76
Standard pattern RMS: 2203.11

Azimuth	E_{theo}	E_{std}	E_{aug}
0	795.10	838.15	
5	917.29	966.01	
10	1017.29	1070.73	
15	1085.00	1141.67	
20	1115.56	1173.69	
25	1108.35	1166.13	
30	1066.27	1122.05	
35	994.95	1047.34	
40	901.89	949.89	
45	795.55	838.62	
50	684.54	722.60	
55	576.82	610.20	
60	479.05	508.46	
65	396.12	422.51	
70	330.93	355.32	
75	284.59	307.90	
80	257.23	280.11	
85	249.08	271.87	
90	260.78	283.70	
95	292.76	316.24	
100	345.09	369.88	
105	418.45	445.60	
110	515.13	545.96	
115	639.31	675.36	
120	796.23	839.33	
125	990.95	1043.14	
130	1226.86	1290.35	
135	1504.63	1581.60	
140	1821.46	1913.97	
145	2170.93	2280.68	
150	2543.09	2671.28	
155	2925.02	3072.17	
160	3301.58	3467.46	
165	3656.52	3840.06	
170	3973.66	4173.00	
175	4238.13	4450.66	
180	4437.57	4660.04	
185	4563.01	4791.74	
190	4609.55	4840.59	
195	4576.58	4805.98	
200	4467.74	4691.72	
205	4290.46	4505.60	
210	4055.28	4258.69	
215	3775.01	3964.45	
220	3463.83	3637.78	
225	3136.39	3294.05	
230	2806.93	2948.21	
235	2488.54	2614.02	
240	2192.48	2303.31	
245	1927.53	2025.27	
250	1699.39	1785.90	
255	1510.22	1587.47	
260	1358.62	1428.49	
265	1240.30	1304.43	
270	1149.44	1209.20	
275	1080.39	1136.84	
280	1028.86	1082.86	
285	992.12	1044.37	
290	968.17	1019.29	
295	954.47	1004.94	
300	946.82	996.93	
305	939.17	988.92	
310	924.31	973.36	
315	895.28	942.98	
320	846.92	892.36	
325	777.54	819.79	
330	690.93	729.27	
335	599.29	633.62	
340	527.02	558.33	
345	508.09	538.64	
350	561.01	593.73	
355	667.65	704.95	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission