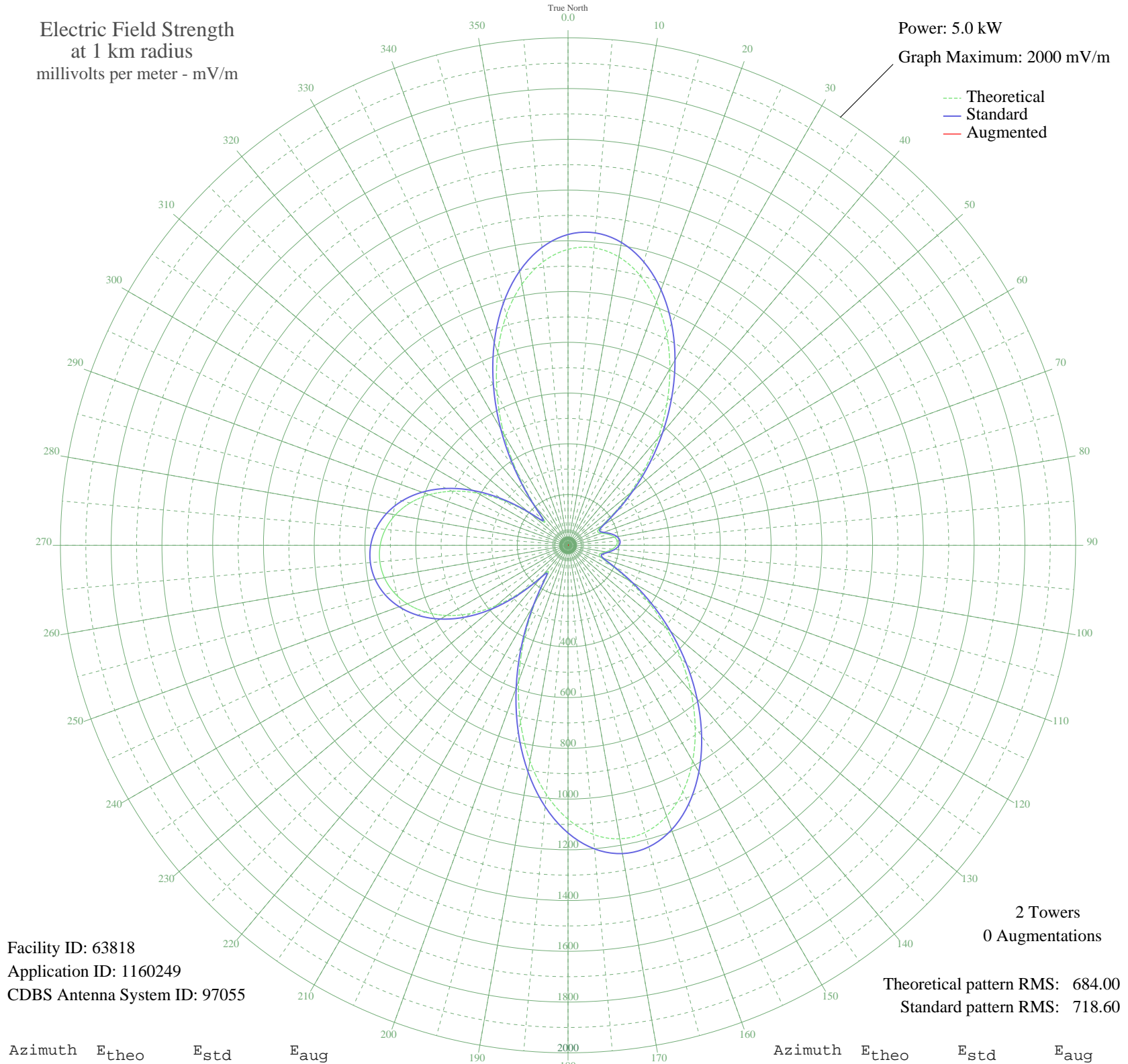


KACP SALT LAKE CITY, UT BP-20060130ALJ 570 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 63818
Application ID: 1160249
CDBS Antenna System ID: 97055

Theoretical pattern RMS: 684.00
Standard pattern RMS: 718.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1166.33	1224.87	
5	1176.80	1235.86	
10	1153.92	1211.84	
15	1100.25	1155.51	
20	1020.05	1071.31	
25	918.78	965.00	
30	802.68	843.15	
35	678.27	712.57	
40	551.93	580.01	
45	429.74	451.84	
50	317.63	334.34	
55	222.40	234.70	
60	154.45	163.86	
65	128.13	136.57	
70	140.36	149.24	
75	165.25	175.09	
80	185.40	196.08	
85	194.41	205.48	
90	190.51	201.41	
95	174.39	184.61	
100	150.11	159.36	
105	129.74	138.24	
110	138.32	147.12	
115	191.16	202.08	
120	277.05	291.85	
125	383.34	403.19	
130	502.23	527.86	
135	627.62	659.42	
140	753.55	791.58	
145	873.76	917.74	
150	981.73	1031.08	
155	1071.07	1124.87	
160	1135.94	1192.97	
165	1171.55	1230.35	
170	1174.61	1233.56	
175	1143.71	1201.12	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1079.49	1133.71	
185	984.63	1034.13	
190	863.63	907.12	
195	722.50	758.99	
200	568.39	597.27	
205	409.60	430.72	
210	257.60	271.49	
215	142.66	151.62	
220	155.14	164.58	
225	258.83	272.79	
230	369.36	388.54	
235	468.74	492.73	
240	553.00	581.12	
245	621.30	652.79	
250	673.91	707.99	
255	711.49	747.43	
260	734.74	771.84	
265	744.22	781.78	
270	740.16	777.53	
275	722.47	758.96	
280	690.70	725.62	
285	644.19	676.81	
290	582.23	611.79	
295	504.34	530.07	
300	410.79	431.96	
305	303.84	319.89	
310	192.93	203.93	
315	127.99	136.42	
320	203.68	215.15	
325	347.09	365.20	
330	504.91	530.68	
335	661.98	695.48	
340	809.22	850.01	
345	939.06	986.29	
350	1045.01	1097.51	
355	1121.92	1178.24	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission