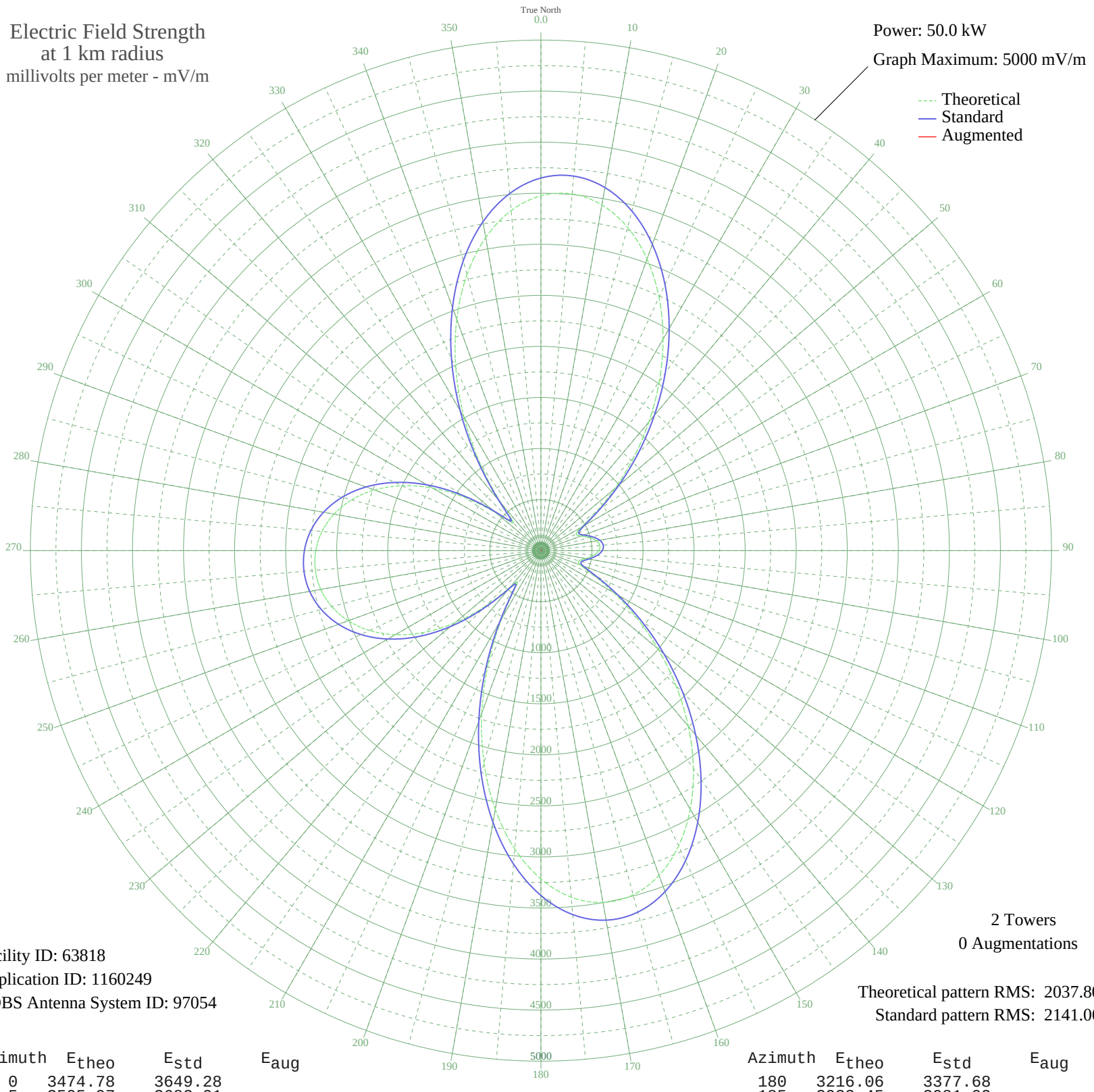
KACP SALT LAKE CITY, UT BP-20060130ALJ 570 kHz

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

Facility ID: 63818
Application ID: 1160249
CDBS Antenna System ID: 97054

2 Towers
0 Augmentations

Theoretical pattern RMS: 2037.80
Standard pattern RMS: 2141.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3474.78	3649.28	
5	3505.97	3682.01	
10	3437.80	3610.45	
15	3277.92	3442.62	
20	3038.96	3191.78	
25	2737.26	2875.08	
30	2391.39	2512.06	
35	2020.74	2123.07	
40	1644.34	1728.15	
45	1280.30	1346.36	
50	946.29	996.38	
55	662.59	699.67	
60	460.14	488.82	
65	381.74	407.64	
70	418.17	445.31	
75	492.31	522.23	
80	552.35	584.70	
85	579.20	612.68	
90	567.56	600.55	
95	519.55	550.56	
100	447.23	475.42	
105	386.54	412.60	
110	412.09	439.01	
115	569.50	602.57	
120	825.41	869.85	
125	1142.07	1201.47	
130	1496.26	1572.82	
135	1869.83	1964.73	
140	2245.02	2358.44	
145	2603.13	2734.29	
150	2924.81	3071.94	
155	3190.98	3351.35	
160	3384.24	3554.23	
165	3490.32	3665.58	
170	3499.43	3675.15	
175	3407.38	3578.52	

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	3216.06	3377.68	
185	2933.45	3081.02	
190	2572.97	2702.64	
195	2152.50	2261.35	
200	1693.37	1779.58	
205	1220.30	1283.47	
210	767.44	809.23	
215	425.01	452.40	
220	462.19	490.95	
225	771.13	813.08	
230	1100.42	1157.82	
235	1396.48	1468.18	
240	1647.51	1731.47	
245	1851.00	1944.97	
250	2007.74	2109.43	
255	2119.69	2226.91	
260	2188.97	2299.62	
265	2217.21	2329.25	
270	2205.13	2316.57	
275	2152.41	2261.25	
280	2057.76	2161.93	
285	1919.21	2016.54	
290	1734.61	1822.85	
295	1502.54	1579.42	
300	1223.83	1287.17	
305	905.20	953.36	
310	574.79	608.08	
315	381.31	407.20	
320	606.81	641.46	
325	1034.06	1088.30	
330	1504.26	1581.22	
335	1972.20	2072.14	
340	2410.86	2532.49	
345	2797.69	2938.51	
350	3113.34	3269.85	
355	3342.45	3510.36	