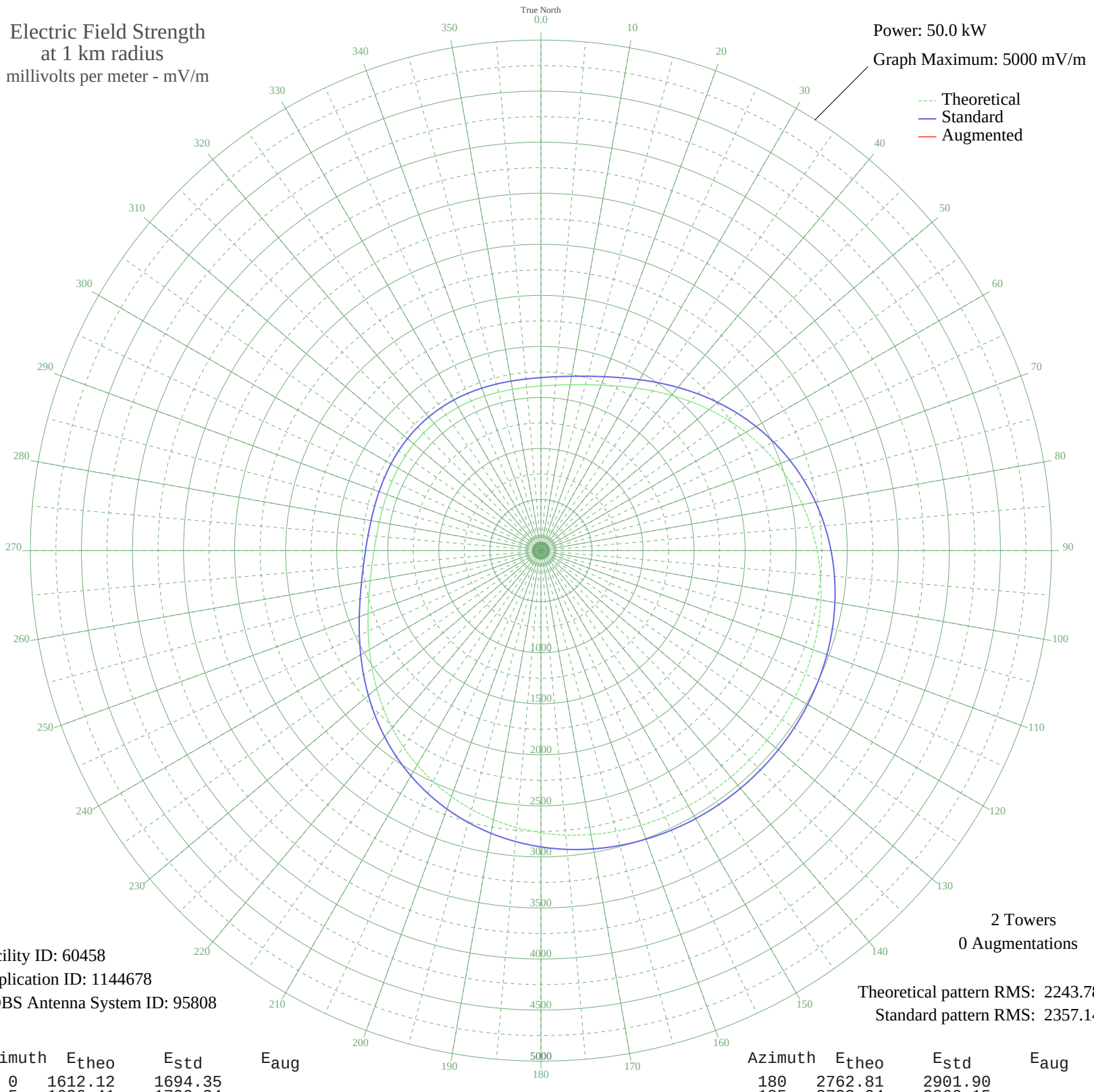
KZNS SALT LAKE CITY, UT BP-20041124ACV 1280 kHz

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

2 Towers
0 Augmentations

Facility ID: 60458
Application ID: 1144678
CDBS Antenna System ID: 95808

Theoretical pattern RMS: 2243.78
Standard pattern RMS: 2357.14

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1612.12	1694.35	
5	1626.41	1709.34	
10	1649.37	1733.43	
15	1682.01	1767.67	
20	1724.80	1812.56	
25	1777.60	1867.95	
30	1839.67	1933.08	
35	1909.72	2006.58	
40	1986.09	2086.71	
45	2066.83	2171.44	
50	2149.93	2258.64	
55	2233.38	2346.22	
60	2315.34	2432.24	
65	2394.19	2515.00	
70	2468.59	2593.08	
75	2537.47	2665.38	
80	2600.13	2731.14	
85	2656.12	2789.91	
90	2705.27	2841.51	
95	2747.68	2886.02	
100	2783.61	2923.73	
105	2813.46	2955.06	
110	2837.73	2980.54	
115	2856.97	3000.74	
120	2871.70	3016.20	
125	2882.41	3027.44	
130	2889.51	3034.90	
135	2893.29	3038.86	
140	2893.91	3039.51	
145	2891.41	3036.89	
150	2885.67	3030.86	
155	2876.44	3021.18	
160	2863.37	3007.46	
165	2846.00	2989.22	
170	2823.81	2965.93	
175	2796.25	2937.00	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2762.81	2901.90	
185	2723.04	2860.15	
190	2676.60	2811.41	
195	2623.34	2755.51	
200	2563.31	2692.50	
205	2496.85	2622.74	
210	2424.55	2546.86	
215	2347.34	2465.82	
220	2266.44	2380.92	
225	2183.37	2293.74	
230	2099.90	2206.15	
235	2017.97	2120.17	
240	1939.62	2037.95	
245	1866.82	1961.56	
250	1801.38	1892.90	
255	1744.74	1833.49	
260	1697.90	1784.34	
265	1661.22	1745.86	
270	1634.48	1717.81	
275	1616.88	1699.34	
280	1607.12	1689.11	
285	1603.64	1685.46	
290	1604.73	1686.60	
295	1608.68	1690.75	
300	1613.96	1696.29	
305	1619.26	1701.85	
310	1623.55	1706.35	
315	1626.11	1709.03	
320	1626.56	1709.50	
325	1624.81	1707.67	
330	1621.15	1703.82	
335	1616.15	1698.58	
340	1610.72	1692.88	
345	1606.06	1687.99	
350	1603.63	1685.45	
355	1605.07	1686.96	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission