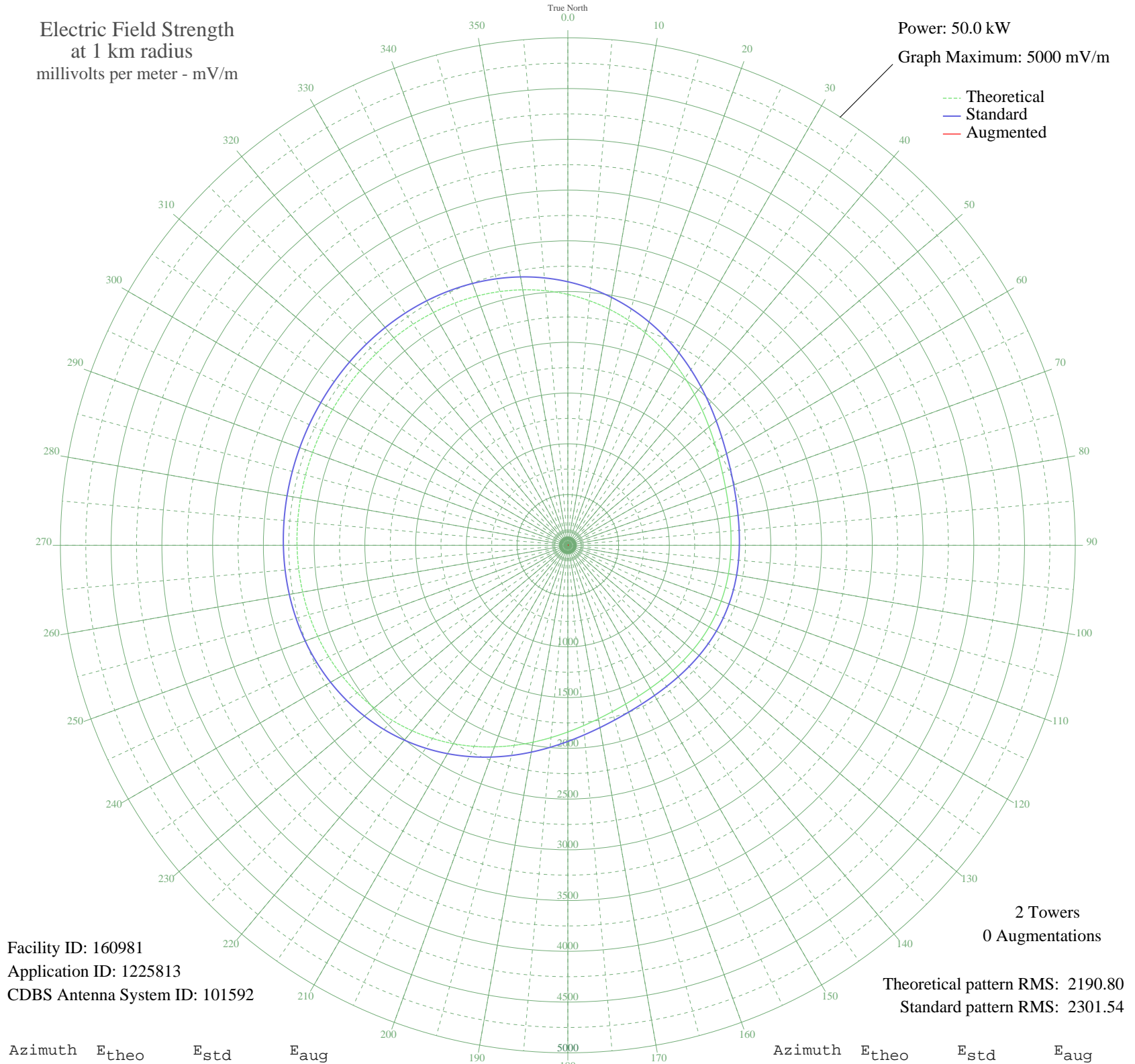


NEW BLACK HAWK, SD BNP-20071221ACG 860 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 160981
Application ID: 1225813
CDBS Antenna System ID: 101592

2 Towers
0 Augmentations

Theoretical pattern RMS: 2190.80
Standard pattern RMS: 2301.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2472.12	2596.79	
5	2419.84	2541.92	
10	2361.24	2480.41	
15	2297.09	2413.09	
20	2228.53	2341.13	
25	2156.95	2266.02	
30	2084.03	2189.49	
35	2011.60	2113.48	
40	1941.56	2039.99	
45	1875.76	1970.95	
50	1815.84	1908.08	
55	1763.13	1852.78	
60	1718.50	1805.95	
65	1682.32	1767.99	
70	1654.41	1738.72	
75	1634.15	1717.47	
80	1620.53	1703.17	
85	1612.29	1694.53	
90	1608.09	1690.13	
95	1606.62	1688.59	
100	1606.73	1688.70	
105	1607.44	1689.45	
110	1608.09	1690.12	
115	1608.26	1690.31	
120	1607.87	1689.90	
125	1607.13	1689.12	
130	1606.56	1688.53	
135	1606.96	1688.94	
140	1609.37	1691.47	
145	1615.02	1697.40	
150	1625.26	1708.14	
155	1641.40	1725.07	
160	1664.61	1749.42	
165	1695.77	1782.11	
170	1735.35	1823.63	
175	1783.28	1873.92	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1839.01	1932.39	
185	1901.46	1997.91	
190	1969.17	2068.96	
195	2040.39	2143.69	
200	2113.24	2220.15	
205	2185.84	2296.33	
210	2256.40	2370.38	
215	2323.35	2440.65	
220	2385.39	2505.76	
225	2441.54	2564.70	
230	2491.16	2616.77	
235	2533.92	2661.65	
240	2569.82	2699.33	
245	2599.13	2730.09	
250	2622.33	2754.45	
255	2640.09	2773.08	
260	2653.16	2786.80	
265	2662.36	2796.47	
270	2668.52	2802.93	
275	2672.39	2806.99	
280	2674.66	2809.37	
285	2675.86	2810.63	
290	2676.40	2811.20	
295	2676.51	2811.31	
300	2676.24	2811.04	
305	2675.47	2810.23	
310	2673.91	2808.58	
315	2671.07	2805.61	
320	2666.37	2800.68	
325	2659.09	2793.03	
330	2648.44	2781.85	
335	2633.59	2766.27	
340	2613.74	2745.44	
345	2588.17	2718.59	
350	2556.27	2685.11	
355	2517.64	2644.57	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission