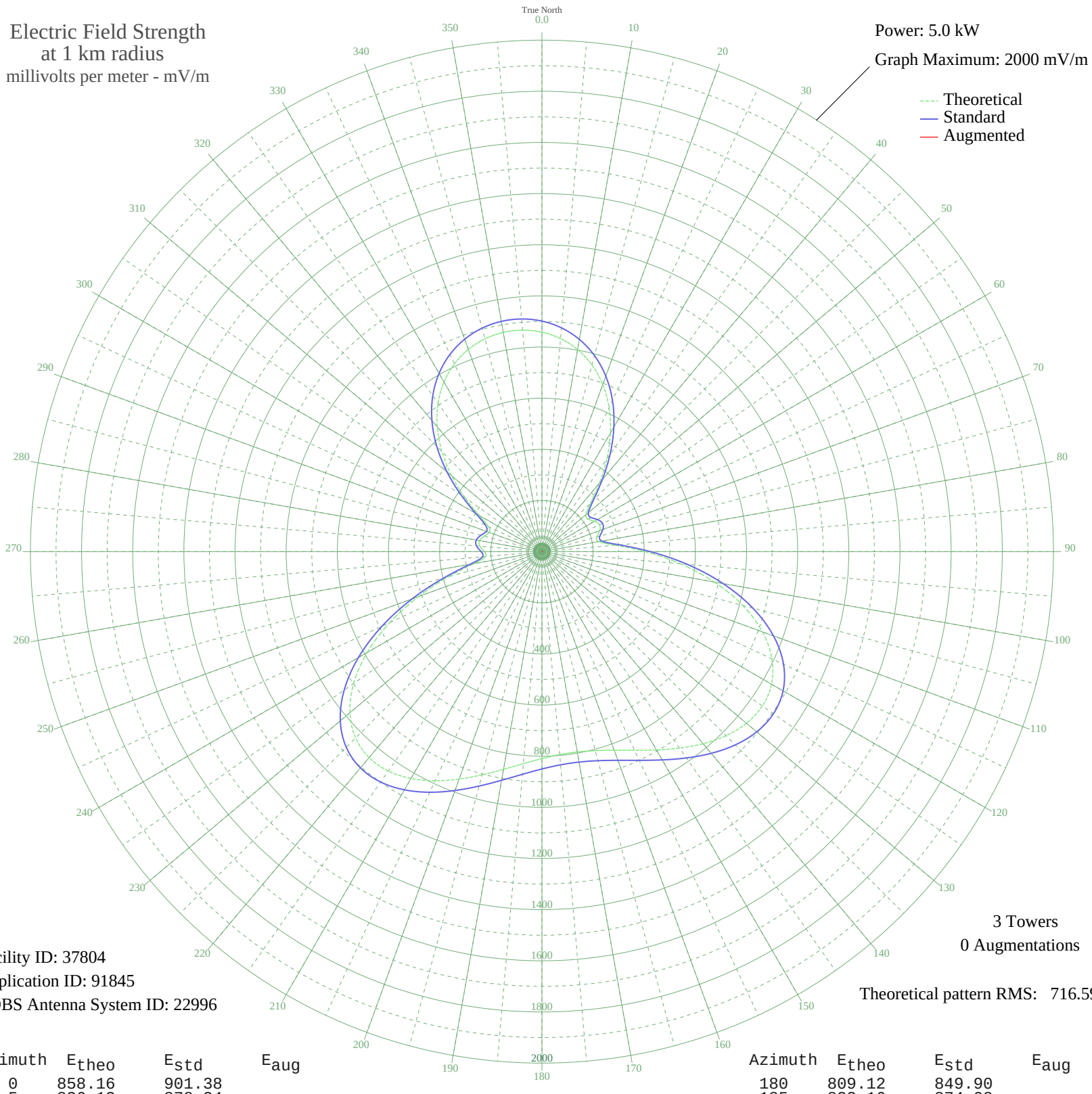
WSDK BLOOMFIELD, CT BL-19860904AA 1550 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 37804
Application ID: 91845
CDBS Antenna System ID: 22996

Theoretical pattern RMS: 716.59

Azimuth	E_{theo}	E_{std}	E_{aug}
0	858.16	901.38	
5	836.12	878.24	
10	802.28	842.72	
15	755.54	793.67	
20	695.12	730.25	
25	621.09	652.57	
30	535.16	562.41	
35	441.58	464.26	
40	348.52	366.70	
45	269.96	284.43	
50	224.84	237.24	
55	220.86	233.09	
60	237.50	250.48	
65	248.07	261.53	
70	240.49	253.61	
75	222.19	234.48	
80	225.74	238.18	
85	288.09	303.40	
90	403.10	423.91	
95	542.78	570.40	
100	684.62	719.24	
105	812.97	853.95	
110	917.47	963.63	
115	992.50	1042.39	
120	1036.71	1088.80	
125	1052.30	1105.17	
130	1043.96	1096.41	
135	1017.79	1068.94	
140	980.34	1029.62	
145	937.75	984.92	
150	895.34	940.40	
155	857.31	900.48	
160	826.76	868.41	
165	805.76	846.37	
170	795.55	835.66	
175	796.70	836.86	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	809.12	849.90	
185	832.16	874.08	
190	864.40	907.93	
195	903.59	949.06	
200	946.41	994.01	
205	988.43	1038.11	
210	1024.14	1075.60	
215	1047.26	1099.87	
220	1051.28	1104.09	
225	1030.27	1082.04	
230	979.97	1029.24	
235	898.82	944.05	
240	788.95	828.73	
245	656.91	690.16	
250	514.06	540.28	
255	377.27	396.82	
260	270.57	285.07	
265	221.06	233.30	
270	225.52	237.96	
275	243.43	256.68	
280	247.27	260.69	
285	233.96	246.78	
290	219.04	231.18	
295	230.42	243.07	
300	283.62	298.72	
305	366.52	385.56	
310	460.59	484.19	
315	553.14	581.27	
320	636.93	669.19	
325	708.31	744.09	
330	765.97	804.61	
335	810.05	850.87	
340	841.44	883.82	
345	861.25	904.62	
350	870.40	914.23	
355	869.39	913.17	