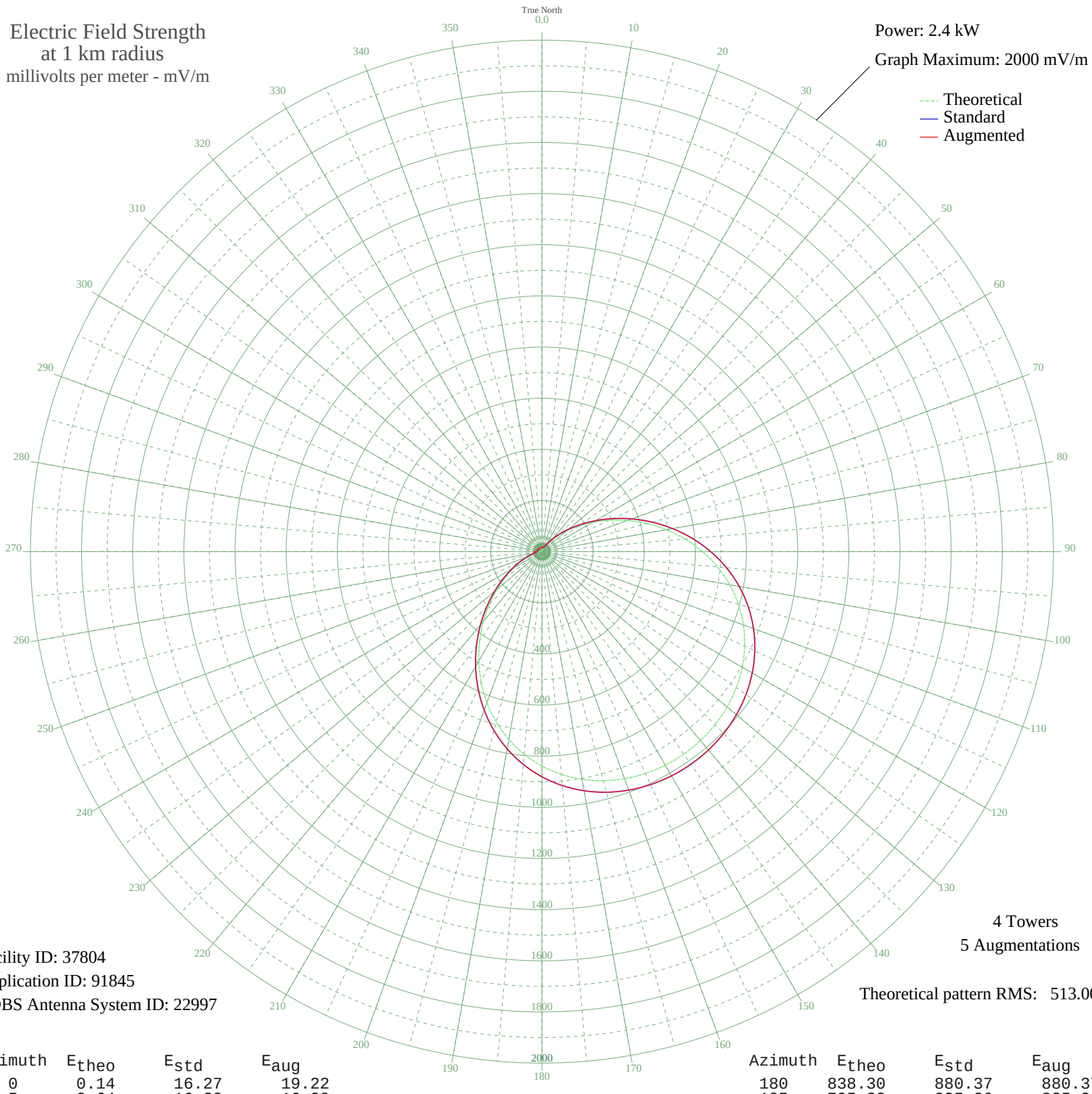
WSDK BLOOMFIELD, CT BL-19860904AA 1550 kHz

Nighttime

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



Power: 2.4 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
5 Augmentations

Facility ID: 37804
Application ID: 91845
CDBS Antenna System ID: 22997

Theoretical pattern RMS: 513.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	0.14	16.27	19.22
5	0.64	16.28	16.28
10	0.70	16.28	16.68
15	0.37	16.27	19.68
20	3.46	16.67	16.67
25	9.70	19.19	19.19
30	20.31	26.82	26.82
35	36.53	41.66	41.66
40	59.50	64.56	64.56
45	90.07	95.96	95.96
50	128.71	136.12	136.12
55	175.40	184.88	184.88
60	229.58	241.60	241.60
65	290.17	305.11	305.11
70	355.65	373.78	373.78
75	424.17	445.68	445.68
80	493.74	518.68	518.68
85	562.36	590.70	590.70
90	628.19	659.80	659.80
95	689.68	724.35	724.35
100	745.66	783.11	783.11
105	795.33	835.26	835.26
110	838.30	880.37	880.37
115	874.49	918.36	918.36
120	904.08	949.43	949.43
125	927.43	973.94	973.94
130	944.97	992.36	992.36
135	957.13	1005.12	1005.12
140	964.27	1012.62	1012.62
145	966.62	1015.09	1015.09
150	964.27	1012.62	1012.62
155	957.13	1005.12	1005.12
160	944.97	992.36	992.36
165	927.43	973.94	973.94
170	904.08	949.43	949.43
175	874.49	918.36	918.36

Azimuth	E_{theo}	E_{std}	E_{aug}
180	838.30	880.37	880.37
185	795.33	835.26	835.26
190	745.66	783.11	783.11
195	689.68	724.35	724.35
200	628.19	659.80	659.80
205	562.36	590.70	590.70
210	493.74	518.69	518.69
215	424.17	445.68	445.68
220	355.65	373.79	373.79
225	290.17	305.11	305.11
230	229.58	241.60	241.60
235	175.40	184.88	184.88
240	128.71	136.12	136.12
245	90.07	95.96	95.96
250	59.50	64.56	64.56
255	36.53	41.66	41.66
260	20.31	26.82	26.82
265	9.70	19.19	29.01
270	3.46	16.67	22.97
275	0.37	16.27	16.27
280	0.70	16.28	16.28
285	0.64	16.28	16.28
290	0.14	16.27	20.60
295	0.38	16.27	16.78
300	0.70	16.28	16.28
305	0.76	16.29	16.29
310	0.62	16.28	16.28
315	0.39	16.27	16.27
320	0.19	16.27	16.27
325	0.12	16.27	18.00
330	0.19	16.27	16.27
335	0.39	16.27	16.27
340	0.62	16.28	16.28
345	0.76	16.29	16.29
350	0.70	16.28	16.28
355	0.38	16.27	16.61

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.

15 Feb 2012

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Federal Communications Commission