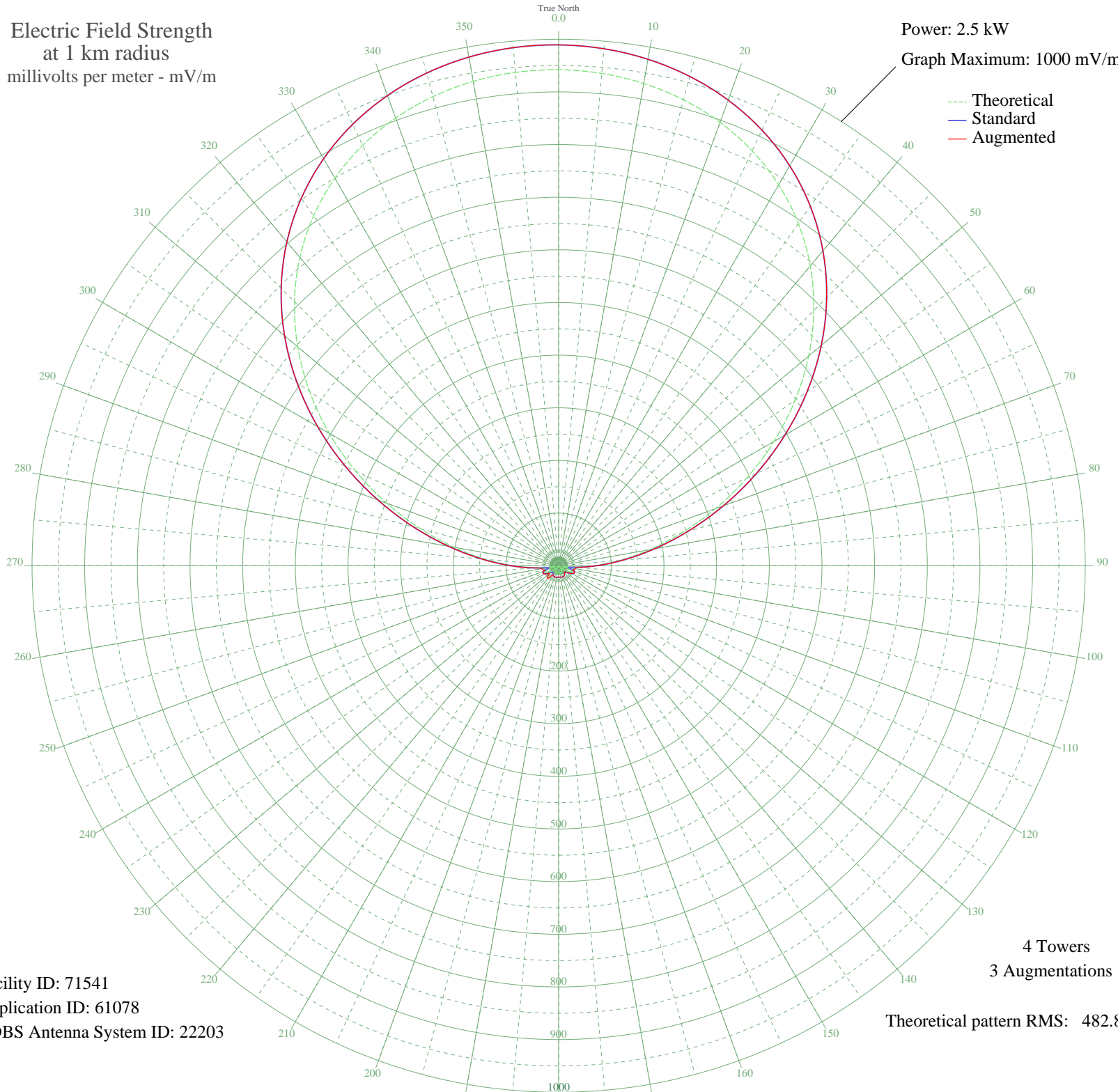


WBKV WEST BEND, WI BL-19830919AB 1470 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 71541
Application ID: 61078
CDBS Antenna System ID: 22203

4 Towers
3 Augmentations

Theoretical pattern RMS: 482.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	942.04	989.28	989.28
5	938.62	985.69	985.69
10	930.12	976.77	976.77
15	916.17	962.12	962.12
20	896.19	941.15	941.15
25	869.51	913.13	913.13
30	835.46	877.39	877.39
35	793.52	833.36	833.36
40	743.42	780.77	780.77
45	685.30	719.76	719.76
50	619.81	651.01	651.01
55	548.17	575.82	575.82
60	472.18	496.07	496.07
65	394.17	414.21	414.21
70	316.80	333.05	333.05
75	242.89	255.57	255.57
80	175.12	184.62	184.62
85	115.81	122.73	122.73
90	66.67	71.95	71.95
95	28.85	34.55	37.00
100	7.17	18.23	32.18
105	17.95	25.12	28.40
110	25.73	31.71	31.71
115	26.91	32.78	32.78
120	23.28	29.55	29.55
125	16.76	24.20	24.20
130	9.10	19.16	19.16
135	1.86	16.72	16.72
140	4.93	17.39	17.39
145	9.65	19.45	19.45
150	12.71	21.30	21.30
155	14.26	22.36	22.36
160	14.69	22.66	22.66
165	14.45	22.49	22.49
170	13.96	22.15	22.15
175	13.57	21.88	21.88

Azimuth	E _{theo}	E _{std}	E _{aug}
180	13.46	21.81	21.81
185	13.70	21.97	21.97
190	14.16	22.29	22.29
195	14.60	22.60	22.60
200	14.63	22.62	22.62
205	13.80	22.04	22.04
210	11.68	20.64	20.64
215	7.96	18.59	22.40
220	2.65	16.83	31.14
225	4.57	17.28	30.02
230	12.21	20.97	22.63
235	19.60	26.44	26.44
240	25.19	31.23	31.23
245	27.13	32.97	32.97
250	23.48	29.72	29.72
255	12.94	21.45	30.34
260	12.51	21.17	32.17
265	42.55	47.67	47.75
270	85.02	90.81	90.81
275	138.39	146.26	146.26
280	201.33	212.05	212.05
285	271.86	285.94	285.94
290	347.49	365.24	365.24
295	425.45	447.03	447.03
300	502.96	528.37	528.37
305	577.46	606.56	606.56
310	646.83	679.37	679.37
315	709.48	745.14	745.14
320	764.44	802.83	802.83
325	811.27	851.99	851.99
330	850.00	892.65	892.65
335	881.03	925.23	925.23
340	904.95	950.34	950.34
345	922.44	968.71	968.71
350	934.15	981.00	981.00
355	940.58	987.75	987.75

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission