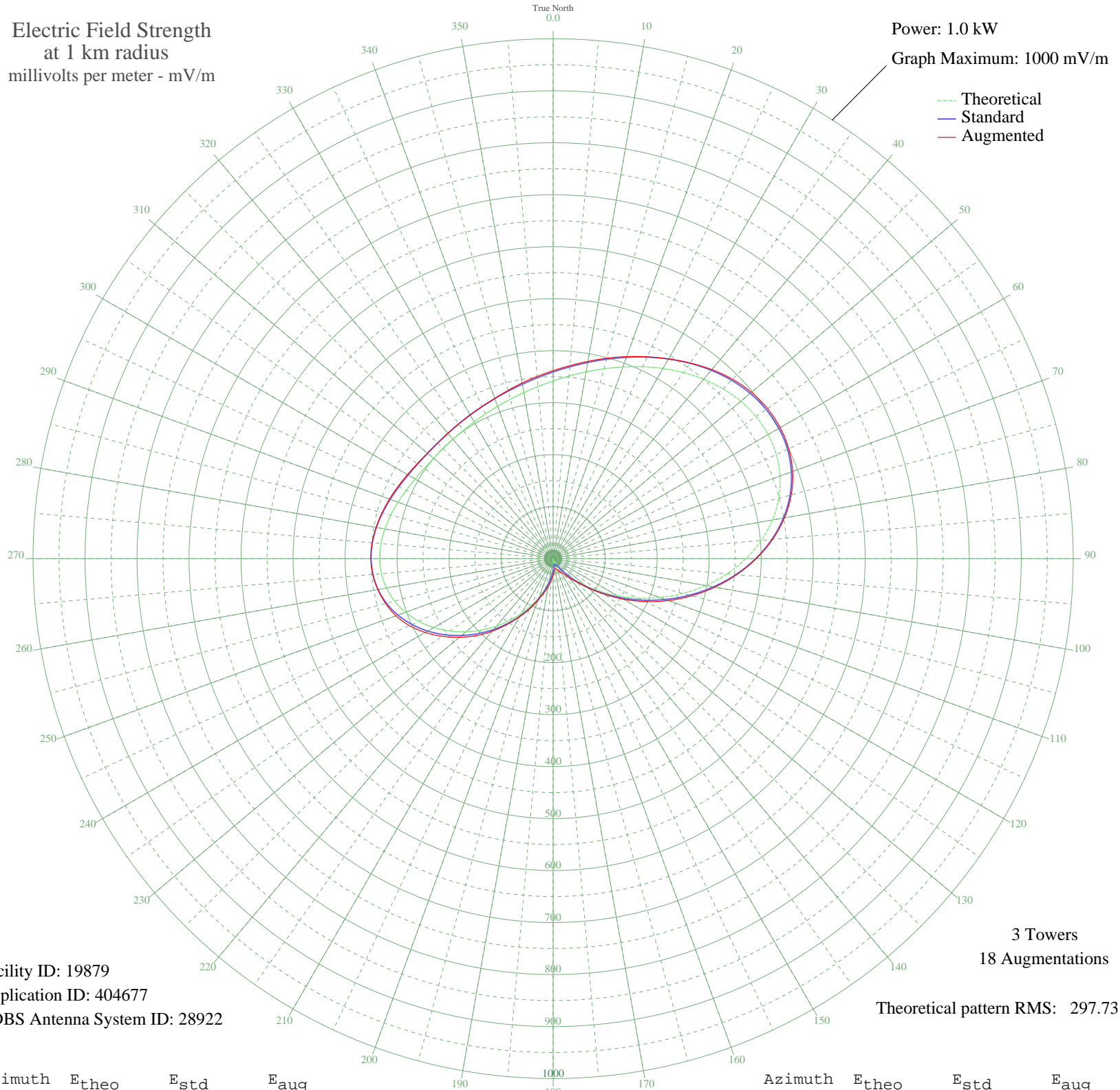


WJOK KAUKAUNA, WI BL-- 1050 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 19879
Application ID: 404677
CDBS Antenna System ID: 28922

3 Towers
18 Augmentations

Theoretical pattern RMS: 297.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	341.77	359.01	361.60
5	352.58	370.35	372.74
10	364.71	383.09	385.31
15	378.04	397.08	399.14
20	392.31	412.06	413.50
25	407.20	427.69	428.28
30	422.24	443.48	443.53
35	436.85	458.81	459.33
40	450.35	472.99	474.68
45	461.98	485.19	488.00
50	470.90	494.56	497.79
55	476.30	500.22	503.32
60	477.38	501.36	504.23
65	473.49	497.28	499.93
70	464.12	487.44	490.05
75	449.01	471.58	474.00
80	428.16	449.69	451.54
85	401.89	422.11	423.35
90	370.79	389.47	390.48
95	335.75	352.69	354.20
100	297.86	312.93	315.70
105	258.37	271.49	275.97
110	218.59	229.76	235.78
115	179.82	189.10	195.56
120	143.24	150.77	155.86
125	109.86	115.83	118.34
130	80.47	85.14	86.05
135	55.64	59.35	62.80
140	35.71	38.93	48.28
145	20.89	24.32	35.96
150	11.44	15.96	31.38
155	7.35	13.03	26.73
160	5.91	12.20	22.53
165	3.44	11.10	20.81
170	1.40	10.60	19.31
175	8.74	13.94	24.48

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	18.49	22.07	32.19
185	30.52	33.72	41.84
190	44.73	48.12	54.72
195	61.03	64.94	67.57
200	79.35	83.98	84.42
205	99.57	105.08	105.81
210	121.50	128.01	128.75
215	144.86	152.46	154.44
220	169.24	178.01	182.30
225	194.12	204.10	209.66
230	218.88	230.06	235.32
235	242.79	255.15	260.42
240	265.12	278.58	284.01
245	285.13	299.57	304.87
250	302.15	317.43	321.50
255	315.67	331.62	333.50
260	325.37	341.80	342.06
265	331.19	347.91	347.94
270	333.32	350.14	350.18
275	332.24	349.01	349.04
280	328.64	345.23	345.50
285	323.37	339.71	340.58
290	317.36	333.39	334.89
295	311.45	327.19	328.97
300	306.33	321.82	323.37
305	302.47	317.77	318.69
310	300.08	315.26	315.53
315	299.15	314.28	314.28
320	299.56	314.71	314.71
325	301.13	316.36	316.36
330	303.74	319.10	319.10
335	307.31	322.85	322.85
340	311.87	327.63	328.10
345	317.49	333.53	335.08
350	324.28	340.66	343.16
355	332.35	349.12	351.85