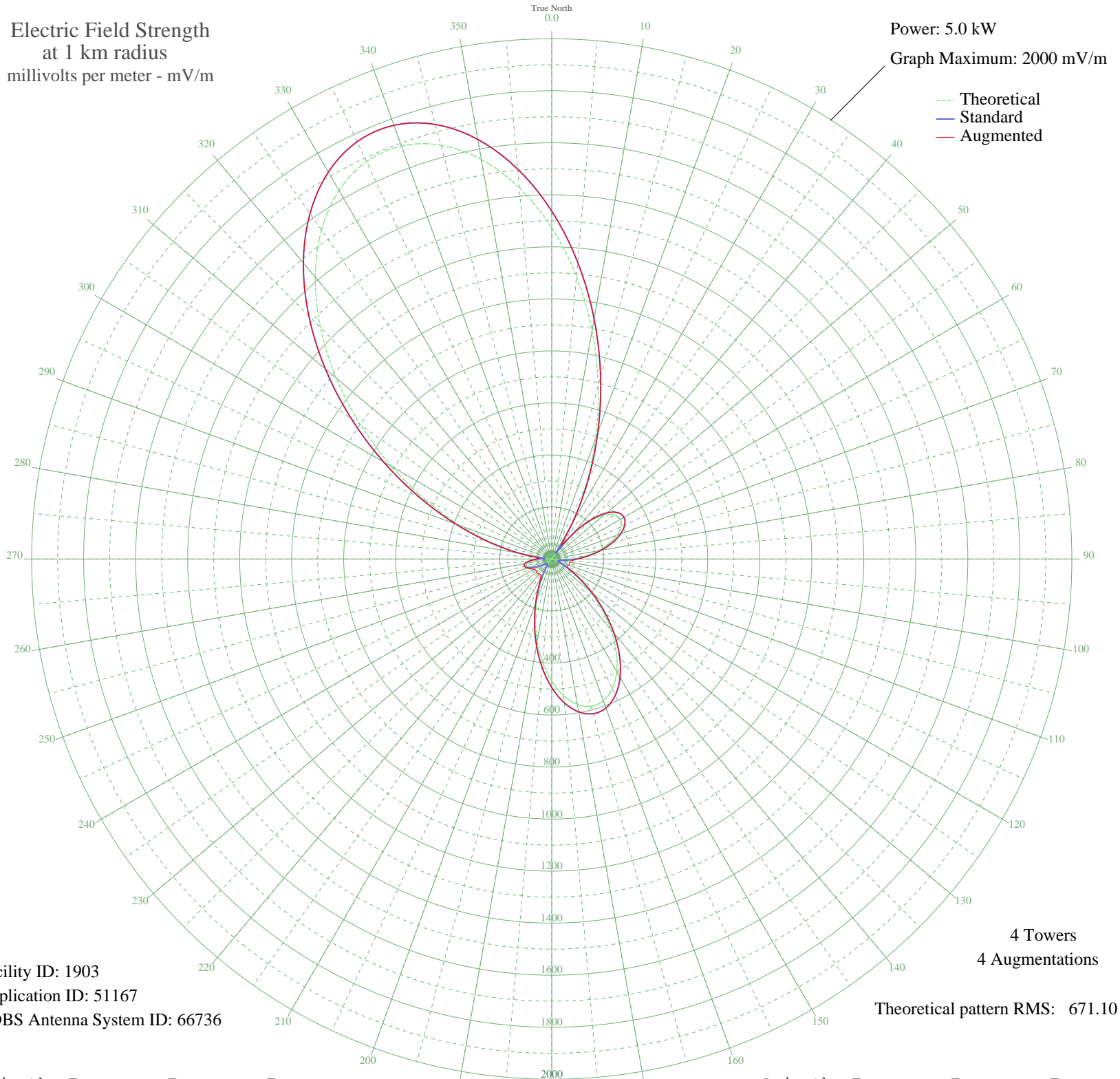


# WONE DAYTON, OH BL-19830105AE 980 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1903  
Application ID: 51167  
CDBS Antenna System ID: 66736

4 Towers  
4 Augmentations  
Theoretical pattern RMS: 671.10

Azimuth	Etheo	Estd	Eaug
0	1273.56	1337.47	1337.47
5	1090.28	1145.07	1145.07
10	892.73	937.70	937.70
15	690.62	725.59	725.59
20	493.10	518.37	518.37
25	308.19	324.58	324.58
30	142.40	151.63	151.63
35	0.44	25.21	64.37
40	114.73	123.08	123.08
45	201.90	213.49	213.49
50	261.36	275.58	275.58
55	294.66	310.42	310.42
60	304.38	320.59	320.59
65	293.84	309.56	309.56
70	266.93	281.41	281.41
75	227.96	240.68	240.68
80	181.49	192.23	192.23
85	132.27	141.16	142.68
90	85.07	92.81	100.91
95	44.53	53.12	76.11
100	14.94	29.69	70.62
105	0.02	25.21	71.94
110	2.39	25.34	68.91
115	23.69	35.41	65.00
120	63.83	71.61	81.83
125	121.11	129.64	131.30
130	192.09	203.26	203.26
135	271.80	286.51	286.51
140	354.12	372.68	372.68
145	432.29	454.61	454.61
150	499.67	525.25	525.25
155	550.35	578.42	578.42
160	579.92	609.44	609.44
165	585.88	615.69	615.69
170	567.91	596.84	596.84
175	527.93	554.90	554.90

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	469.75	493.88	493.88
185	398.66	419.35	419.35
190	320.74	337.72	337.72
195	242.26	255.62	256.14
200	168.99	179.22	182.00
205	105.70	113.81	122.57
210	55.82	63.81	85.61
215	21.27	33.68	73.89
220	2.42	25.34	75.54
225	1.80	25.28	77.25
230	6.37	26.08	75.79
235	23.68	35.41	74.69
240	46.20	54.67	79.03
245	69.51	77.22	89.63
250	88.96	96.75	101.81
255	99.83	107.81	109.03
260	97.53	105.47	105.47
265	77.85	85.54	85.54
270	37.12	46.42	60.47
275	27.45	38.29	47.53
280	117.52	125.94	125.94
285	233.31	246.27	246.27
290	373.35	392.83	392.83
295	534.32	561.60	561.60
300	710.95	746.92	746.92
305	896.22	941.37	941.37
310	1081.63	1136.00	1136.00
315	1257.73	1320.86	1320.86
320	1414.76	1485.71	1485.71
325	1543.46	1620.83	1620.83
330	1635.81	1717.79	1717.79
335	1685.76	1770.22	1770.22
340	1689.74	1774.40	1774.40
345	1647.04	1729.58	1729.58
350	1559.84	1638.02	1638.02
355	1432.98	1504.84	1504.84