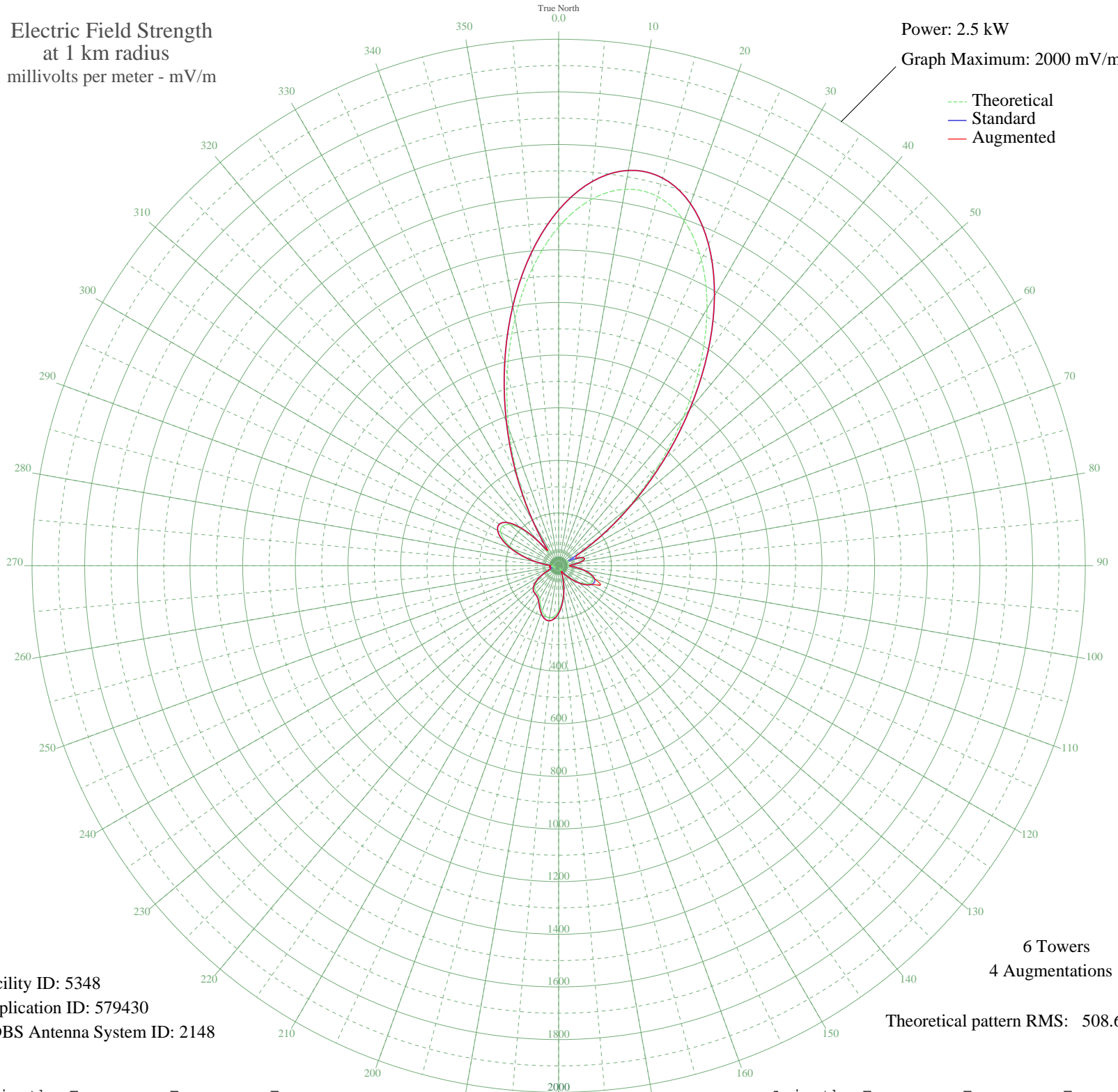


WNZK DEARBORN HEIGHTS, MI BL-19901123AF 680 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 5348  
Application ID: 579430  
CDBS Antenna System ID: 2148

6 Towers  
4 Augmentations  
Theoretical pattern RMS: 508.63

Azimuth	Etheo	Estd	Eaug
0	1286.74	1351.24	1351.24
5	1395.26	1465.18	1465.18
10	1452.10	1524.84	1524.84
15	1451.90	1524.64	1524.64
20	1393.98	1463.83	1463.83
25	1282.61	1346.91	1346.91
30	1126.84	1183.36	1183.36
35	939.58	986.78	986.78
40	736.28	773.38	773.38
45	533.17	560.22	560.22
50	345.42	363.30	363.30
55	185.89	196.30	196.30
60	66.70	73.08	81.82
65	44.31	51.00	71.88
70	82.99	89.61	89.61
75	94.94	101.85	101.85
80	81.78	88.37	88.37
85	53.45	59.88	59.88
90	32.97	40.44	40.44
95	55.65	62.06	62.06
100	90.60	97.40	97.40
105	119.10	126.79	126.79
110	136.36	144.69	145.38
115	141.10	149.62	174.35
120	134.15	142.40	142.40
125	117.90	125.54	125.54
130	95.77	102.70	102.70
135	71.71	78.14	78.14
140	49.27	55.80	55.80
145	30.32	38.08	42.54
150	14.19	25.66	29.13
155	11.92	24.35	24.35
160	35.36	42.60	42.60
165	67.12	73.51	73.51
170	103.27	110.43	110.43
175	139.42	147.87	147.87

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	Etheo	Estd	Eaug
180	170.57	180.31	180.31
185	192.18	202.87	202.87
190	201.24	212.33	212.33
195	197.18	208.09	208.09
200	182.43	192.69	192.69
205	162.49	171.89	171.89
210	144.66	153.32	153.32
215	134.37	142.63	142.63
220	130.68	138.80	138.80
225	127.06	135.04	135.04
230	117.12	124.74	124.74
235	98.18	105.18	105.18
240	71.45	77.88	77.88
245	41.24	48.07	48.07
250	15.60	26.55	32.36
255	17.65	27.93	31.00
260	26.94	35.16	35.16
265	25.08	33.61	33.61
270	20.03	29.64	29.64
275	42.36	49.14	49.14
280	84.47	91.12	91.12
285	134.00	142.24	142.24
290	183.50	193.80	193.80
295	225.83	238.04	238.04
300	253.90	267.41	267.41
305	261.14	274.99	274.99
310	242.03	254.99	254.99
315	193.07	203.79	203.79
320	116.21	123.80	123.80
325	68.39	74.79	74.79
330	185.57	195.96	195.96
335	357.55	376.01	376.01
340	551.61	579.56	579.56
345	754.71	792.72	792.72
350	953.91	1001.82	1001.82
355	1135.68	1192.64	1192.64