

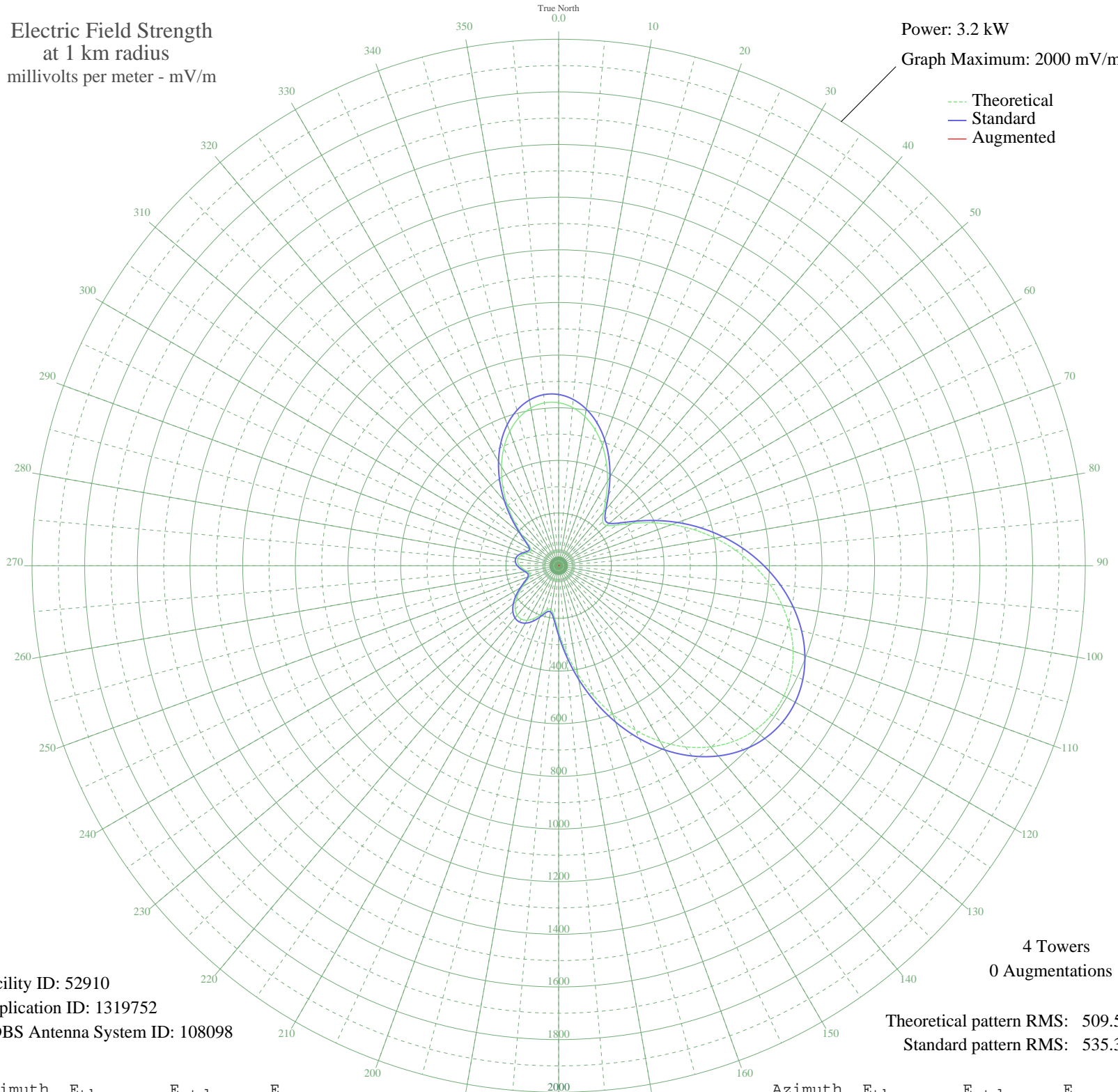
WNVR VERNON HILLS, IL BL-20090410AWM 1030 kHz

Critical Hours

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

Power: 3.2 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 52910
Application ID: 1319752
CDBS Antenna System ID: 108098

4 Towers
0 Augmentations

Theoretical pattern RMS: 509.50
Standard pattern RMS: 535.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	619.23	650.46	
5	603.63	634.09	
10	575.04	604.08	
15	535.00	562.07	
20	485.63	510.26	
25	429.65	451.52	
30	370.60	389.58	
35	313.38	329.58	
40	265.31	279.20	
45	236.85	249.40	
50	237.96	250.56	
55	269.23	283.31	
60	321.88	338.50	
65	386.60	406.37	
70	457.30	480.53	
75	530.33	557.16	
80	603.36	633.80	
85	674.59	708.57	
90	742.43	779.78	
95	805.30	845.78	
100	861.57	904.84	
105	909.56	955.22	
110	947.61	995.17	
115	974.16	1023.04	
120	987.81	1037.37	
125	987.49	1037.04	
130	972.50	1021.30	
135	942.62	989.93	
140	898.17	943.27	
145	840.06	882.26	
150	769.76	808.47	
155	689.37	724.08	
160	601.51	631.87	
165	509.42	535.22	
170	416.95	438.20	
175	328.85	345.81	

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	251.57	264.81	
185	194.43	205.02	
190	168.32	177.74	
195	174.06	183.72	
200	196.71	207.40	
205	221.10	232.91	
210	239.12	251.78	
215	247.47	260.53	
220	245.35	258.30	
225	233.38	245.77	
230	213.21	224.66	
235	187.36	197.62	
240	159.32	168.34	
245	133.87	141.82	
250	117.00	124.28	
255	113.38	120.52	
260	121.71	129.16	
265	135.51	143.52	
270	148.37	156.91	
275	156.08	164.95	
280	156.45	165.34	
285	149.10	157.67	
290	135.90	143.92	
295	122.54	130.03	
300	120.22	127.62	
305	140.32	148.53	
310	182.80	192.86	
315	239.79	252.48	
320	304.09	319.85	
325	370.41	389.38	
330	434.57	456.69	
335	493.10	518.10	
340	543.06	570.52	
345	582.08	611.47	
350	608.39	639.09	
355	620.91	652.23	