

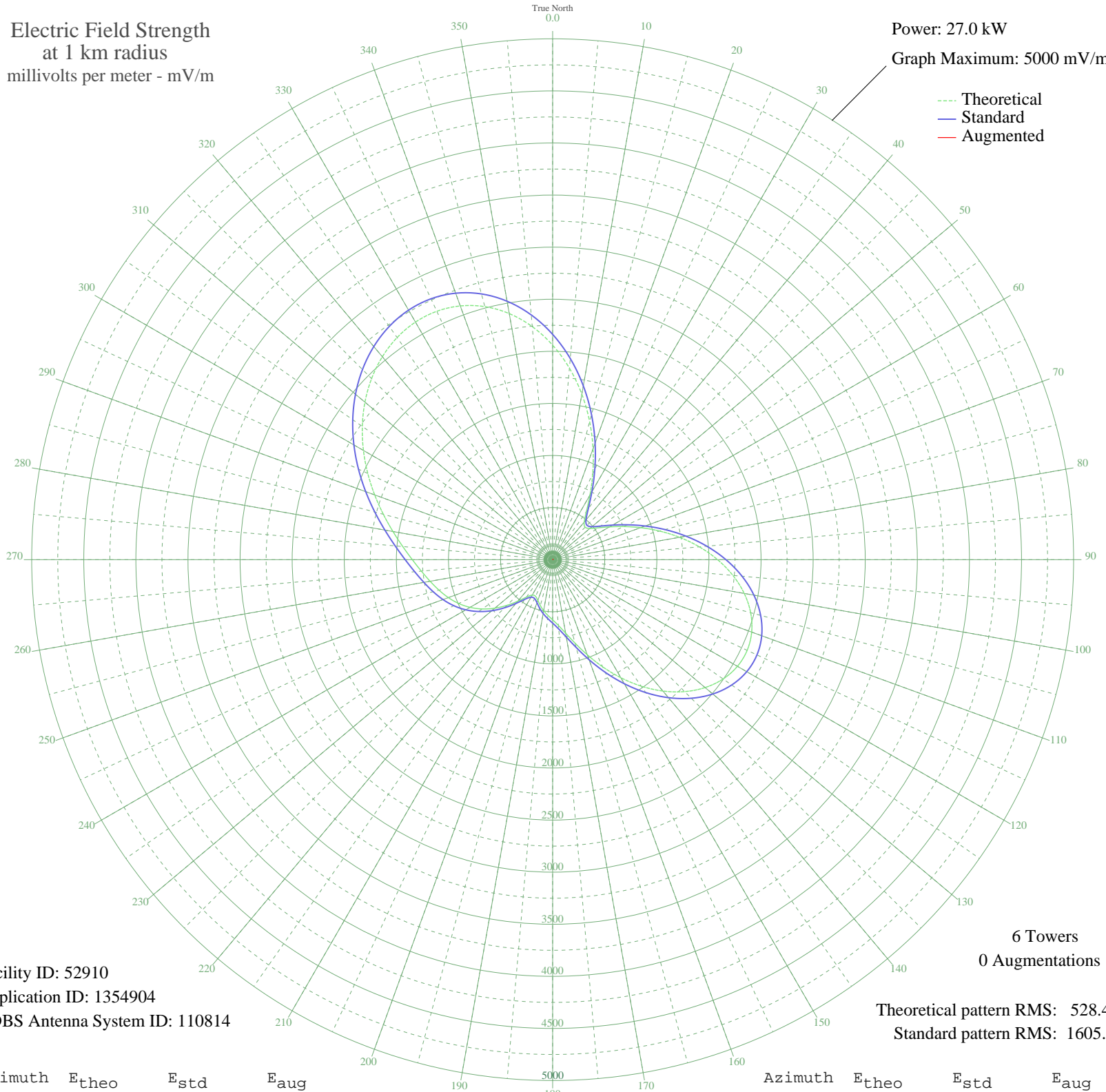
WNVR VERNON HILLS, IL BP-20090924AAV 1030 kHz

Daytime

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

Power: 27.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 52910
Application ID: 1354904
CDBS Antenna System ID: 110814

6 Towers
0 Augmentations

Theoretical pattern RMS: 528.47
Standard pattern RMS: 1605.82

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2059.17	2162.82	
5	1845.52	1938.57	
10	1612.99	1694.52	
15	1371.76	1441.38	
20	1133.37	1191.29	
25	910.38	957.45	
30	716.14	753.92	
35	564.95	595.70	
40	470.79	497.34	
45	440.62	465.85	
50	466.40	492.75	
55	532.68	561.97	
60	629.36	663.07	
65	752.20	791.69	
70	898.04	944.52	
75	1061.87	1116.30	
80	1236.48	1299.45	
85	1413.23	1484.89	
90	1582.99	1663.03	
95	1736.98	1824.64	
100	1867.34	1961.47	
105	1967.57	2066.67	
110	2032.80	2135.13	
115	2059.96	2163.64	
120	2047.84	2150.92	
125	1997.09	2097.65	
130	1910.17	2006.42	
135	1791.27	1881.63	
140	1646.23	1729.40	
145	1482.41	1557.48	
150	1308.59	1375.10	
155	1134.75	1192.73	
160	971.55	1021.59	
165	829.37	872.54	
170	716.09	753.87	
175	634.01	667.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	577.67	609.00	
185	535.83	565.26	
190	497.24	524.95	
195	456.14	482.05	
200	415.50	439.67	
205	388.12	411.17	
210	392.49	415.71	
215	438.85	464.01	
220	519.88	548.59	
225	619.73	652.99	
230	724.46	762.64	
235	824.77	867.72	
240	915.52	962.85	
245	995.19	1046.37	
250	1065.26	1119.85	
255	1129.72	1187.46	
260	1194.20	1255.10	
265	1264.88	1329.24	
270	1347.07	1415.47	
275	1444.06	1517.24	
280	1556.46	1635.19	
285	1682.31	1767.27	
290	1817.74	1909.40	
295	1957.76	2056.37	
300	2096.99	2202.52	
305	2230.11	2342.25	
310	2352.01	2470.21	
315	2457.85	2581.32	
320	2542.99	2670.70	
325	2602.98	2733.68	
330	2633.58	2765.80	
335	2630.95	2763.04	
340	2591.99	2722.13	
345	2514.72	2641.01	
350	2398.74	2519.26	
355	2245.62	2358.53	

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