

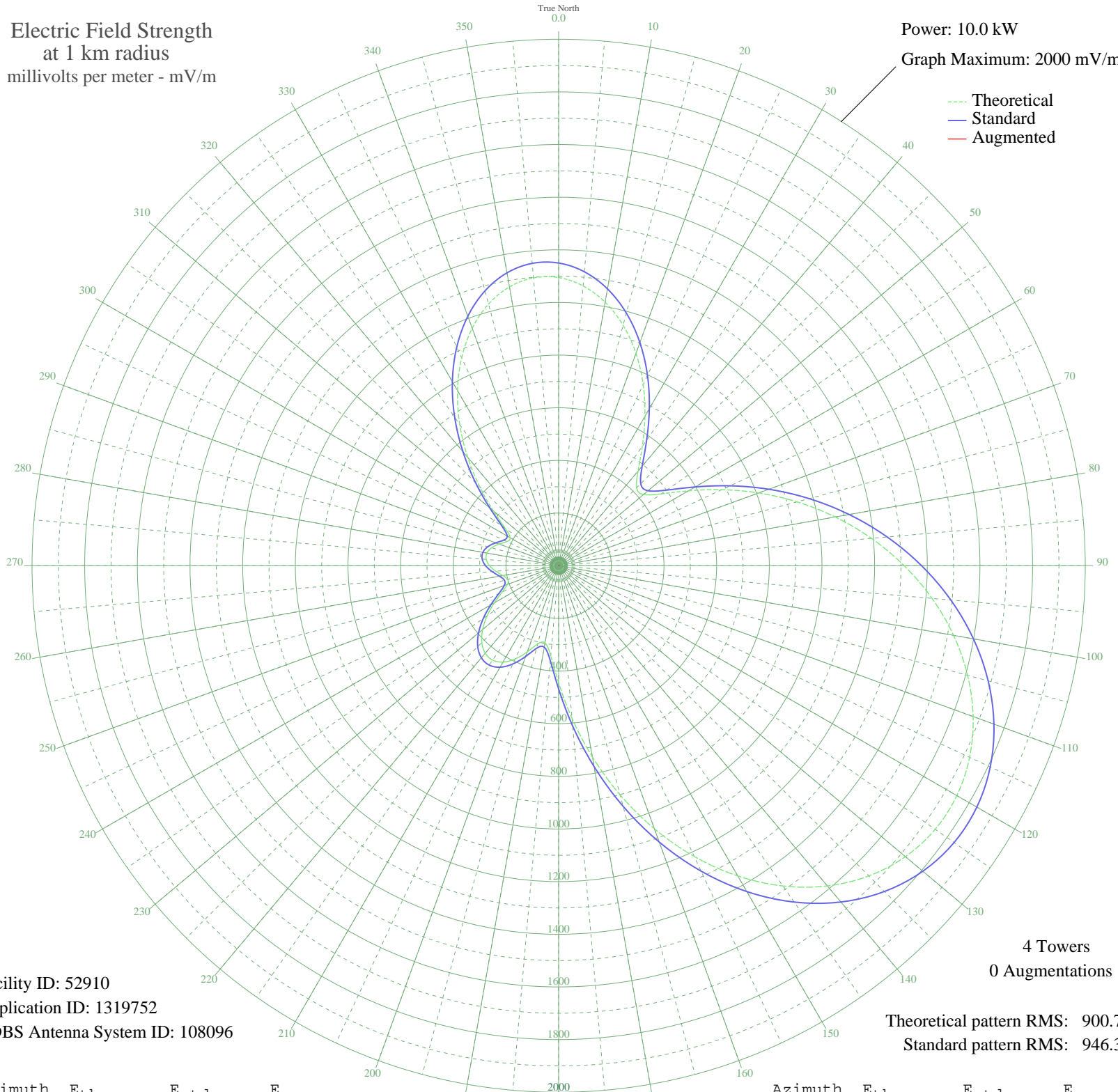
WNVR VERNON HILLS, IL BL-20090410AWM 1030 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 52910
Application ID: 1319752
CDBS Antenna System ID: 108096

4 Towers
0 Augmentations

Theoretical pattern RMS: 900.70
Standard pattern RMS: 946.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1094.68	1149.90	
5	1067.10	1120.95	
10	1016.56	1067.91	
15	945.78	993.63	
20	858.50	902.04	
25	759.54	798.21	
30	655.15	688.71	
35	553.99	582.64	
40	469.01	493.58	
45	418.71	440.89	
50	420.66	442.94	
55	475.95	500.85	
60	569.03	598.40	
65	683.44	718.38	
70	808.41	849.48	
75	937.52	984.96	
80	1066.62	1120.45	
85	1192.55	1252.62	
90	1312.48	1378.51	
95	1423.62	1495.17	
100	1523.09	1599.59	
105	1607.93	1688.66	
110	1675.20	1759.28	
115	1722.13	1808.54	
120	1746.27	1833.88	
125	1745.70	1833.29	
130	1719.20	1805.46	
135	1666.38	1750.01	
140	1587.80	1667.52	
145	1485.06	1559.67	
150	1360.79	1429.22	
155	1218.67	1280.03	
160	1063.36	1117.02	
165	900.56	946.17	
170	737.08	774.65	
175	581.35	611.32	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	444.73	468.14	
185	343.72	362.43	
190	297.56	314.20	
195	307.70	324.79	
200	347.75	366.65	
205	390.86	411.75	
210	422.72	445.10	
215	437.49	460.56	
220	433.73	456.62	
225	412.57	434.47	
230	376.92	397.15	
235	331.22	349.36	
240	281.65	297.59	
245	236.66	250.71	
250	206.84	219.70	
255	200.43	213.06	
260	215.15	228.34	
265	239.55	253.71	
270	262.28	277.39	
275	275.92	291.61	
280	276.57	292.29	
285	263.57	278.74	
290	240.24	254.43	
295	216.63	229.87	
300	212.53	225.61	
305	248.07	262.58	
310	323.16	340.94	
315	423.91	446.34	
320	537.57	565.43	
325	654.81	688.35	
330	768.24	807.33	
335	871.71	915.90	
340	960.03	1008.58	
345	1029.00	1080.96	
350	1075.52	1129.79	
355	1097.66	1153.02	

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