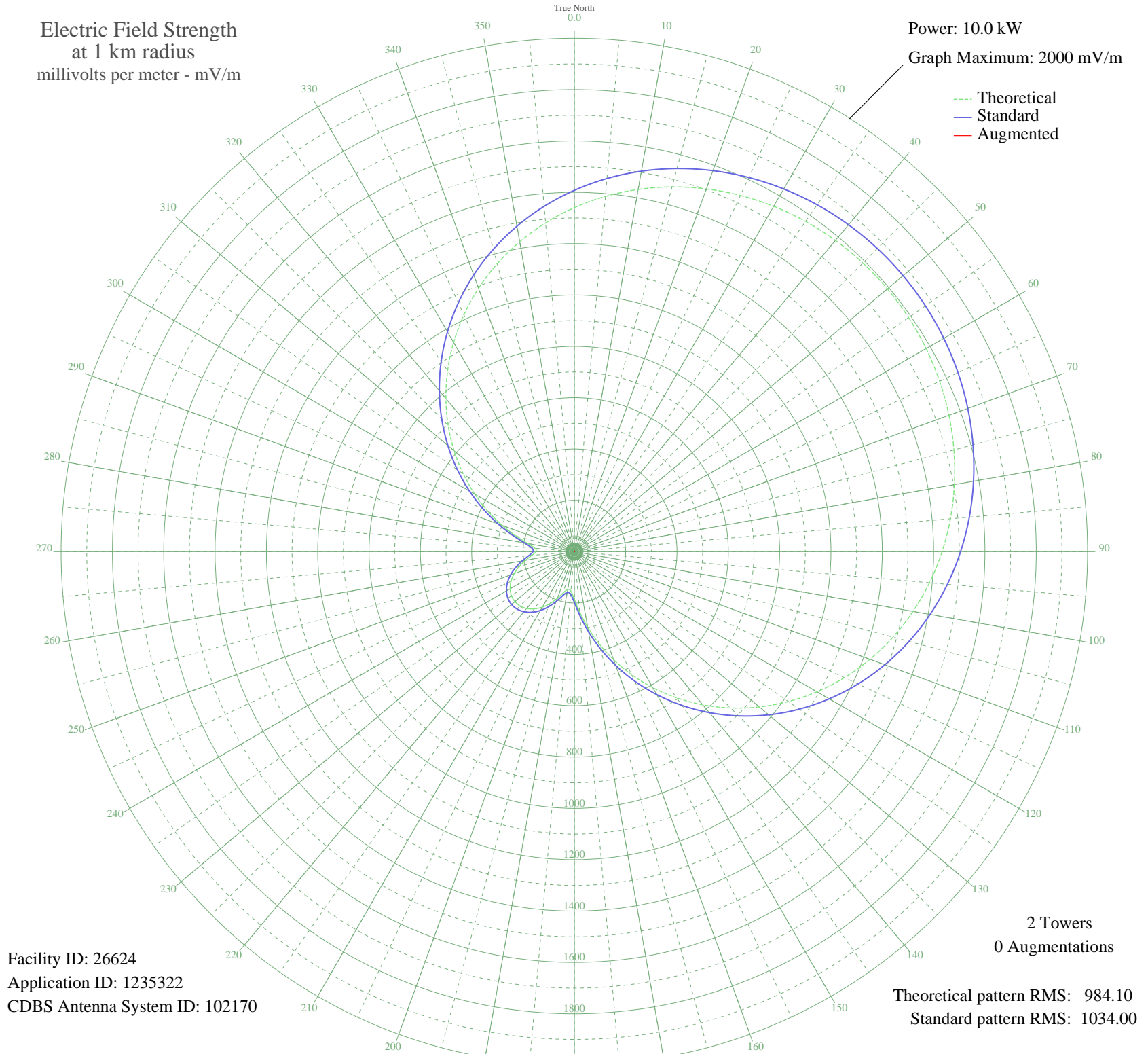


# WILY CENTRALIA, IL BL-20080201CPT 1210 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 26624  
Application ID: 1235322  
CDBS Antenna System ID: 102170

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 984.10  
Standard pattern RMS: 1034.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1340.15	1407.65	
5	1389.27	1459.21	
10	1432.92	1505.03	
15	1471.10	1545.11	
20	1503.87	1579.50	
25	1531.30	1608.30	
30	1553.53	1631.63	
35	1570.67	1649.62	
40	1582.82	1662.37	
45	1590.07	1669.99	
50	1592.48	1672.52	
55	1590.07	1669.99	
60	1582.82	1662.37	
65	1570.67	1649.62	
70	1553.53	1631.63	
75	1531.30	1608.30	
80	1503.87	1579.50	
85	1471.10	1545.11	
90	1432.92	1505.03	
95	1389.27	1459.21	
100	1340.15	1407.65	
105	1285.62	1350.41	
110	1225.84	1287.67	
115	1161.07	1219.69	
120	1091.67	1146.85	
125	1018.09	1069.64	
130	940.91	988.66	
135	860.82	904.63	
140	778.61	818.39	
145	695.16	730.86	
150	611.44	643.09	
155	528.55	556.23	
160	447.73	471.59	
165	370.45	390.75	
170	298.64	315.77	
175	235.14	249.69	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	184.64	197.41	
185	154.20	166.13	
190	149.35	161.17	
195	165.90	178.12	
200	193.05	206.09	
205	222.43	236.50	
210	249.53	264.63	
215	272.03	288.04	
220	288.72	305.43	
225	298.95	316.09	
230	302.39	319.68	
235	298.95	316.09	
240	288.72	305.43	
245	272.03	288.04	
250	249.53	264.63	
255	222.43	236.50	
260	193.05	206.09	
265	165.90	178.12	
270	149.35	161.17	
275	154.20	166.13	
280	184.64	197.41	
285	235.14	249.69	
290	298.64	315.77	
295	370.45	390.75	
300	447.73	471.59	
305	528.55	556.23	
310	611.44	643.09	
315	695.16	730.86	
320	778.61	818.39	
325	860.83	904.63	
330	940.91	988.66	
335	1018.09	1069.64	
340	1091.67	1146.85	
345	1161.07	1219.70	
350	1225.84	1287.67	
355	1285.62	1350.41	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission