

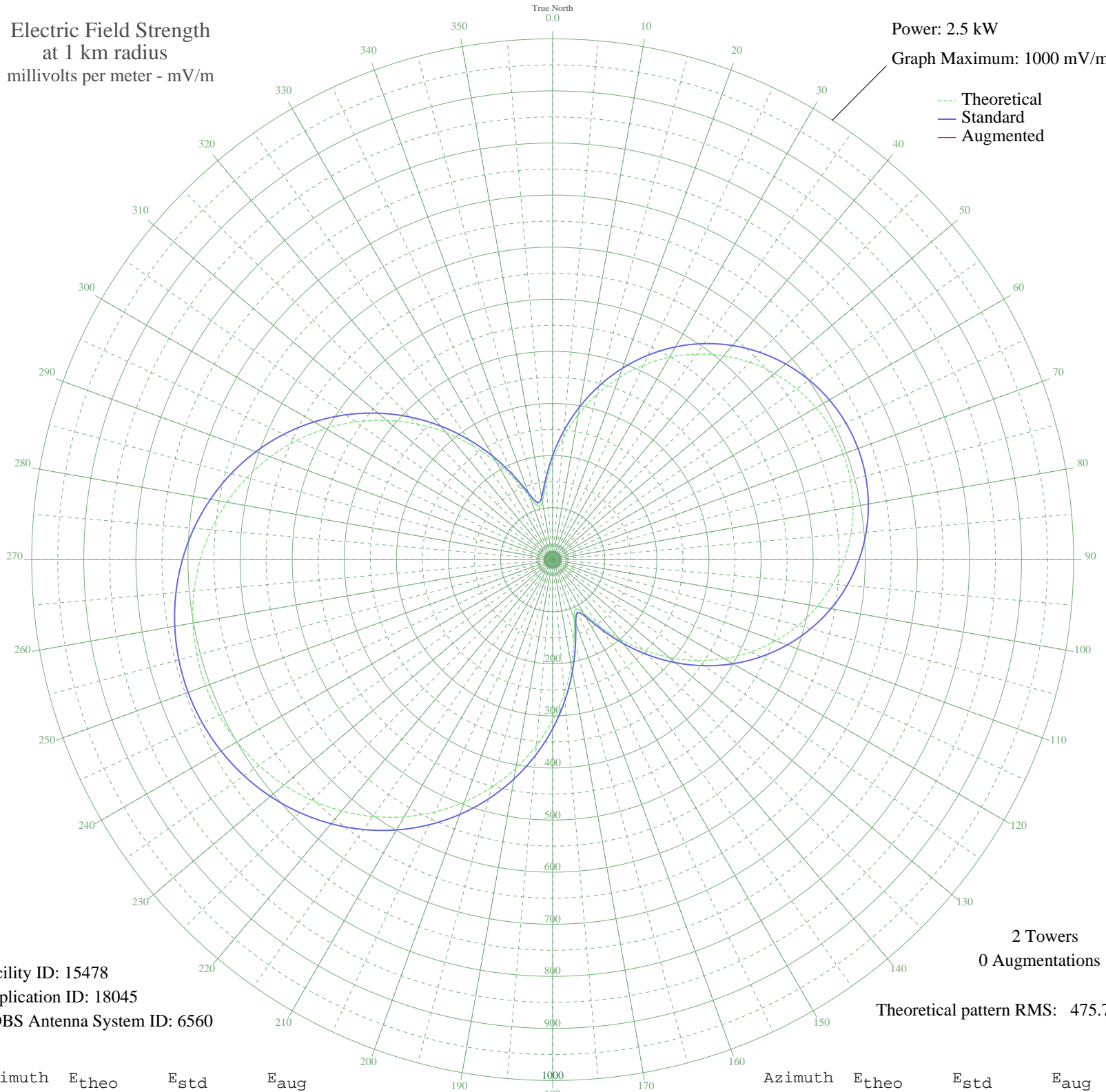
WMCL MCLEANSBORO, IL BL-19800225AD 1060 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 15478
Application ID: 18045
CDBS Antenna System ID: 6560

2 Towers
0 Augmentations
Theoretical pattern RMS: 475.77

Azimuth	E _{theo}	E _{std}	E _{aug}
0	188.87	199.77	
5	235.67	248.62	
10	282.73	297.84	
15	328.37	345.63	
20	371.63	390.95	
25	411.88	433.14	
30	448.67	471.71	
35	481.67	506.33	
40	510.67	536.74	
45	535.47	562.76	
50	555.98	584.27	
55	572.09	601.17	
60	583.76	613.42	
65	590.95	620.97	
70	593.65	623.80	
75	591.85	621.91	
80	585.56	615.31	
85	574.78	604.00	
90	559.55	588.02	
95	539.92	567.43	
100	515.97	542.30	
105	487.80	512.75	
110	455.58	478.96	
115	419.52	441.16	
120	379.94	399.66	
125	337.24	354.91	
130	292.01	307.55	
135	245.13	258.51	
140	198.09	209.38	
145	153.74	163.21	
150	118.47	126.69	
155	104.75	112.58	
160	121.43	129.75	
165	159.34	169.02	
170	206.57	218.22	
175	257.11	271.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	308.20	324.50	
185	358.34	377.03	
190	406.62	427.62	
195	452.36	475.59	
200	495.10	520.41	
205	534.46	561.70	
210	570.17	599.16	
215	602.01	632.56	
220	629.83	661.76	
225	653.54	686.64	
230	673.07	707.13	
235	688.38	723.20	
240	699.44	734.81	
245	706.25	741.95	
250	708.81	744.63	
255	707.10	742.85	
260	701.14	736.59	
265	690.93	725.87	
270	676.47	710.70	
275	657.78	691.09	
280	634.91	667.09	
285	607.90	638.74	
290	576.85	606.17	
295	541.90	569.51	
300	503.25	528.96	
305	461.16	484.82	
310	415.98	437.44	
315	368.17	387.33	
320	318.34	335.12	
325	267.34	281.74	
330	216.53	228.62	
335	168.30	178.35	
340	127.78	136.31	
345	105.71	113.57	
350	113.52	121.59	
355	145.66	154.82	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission