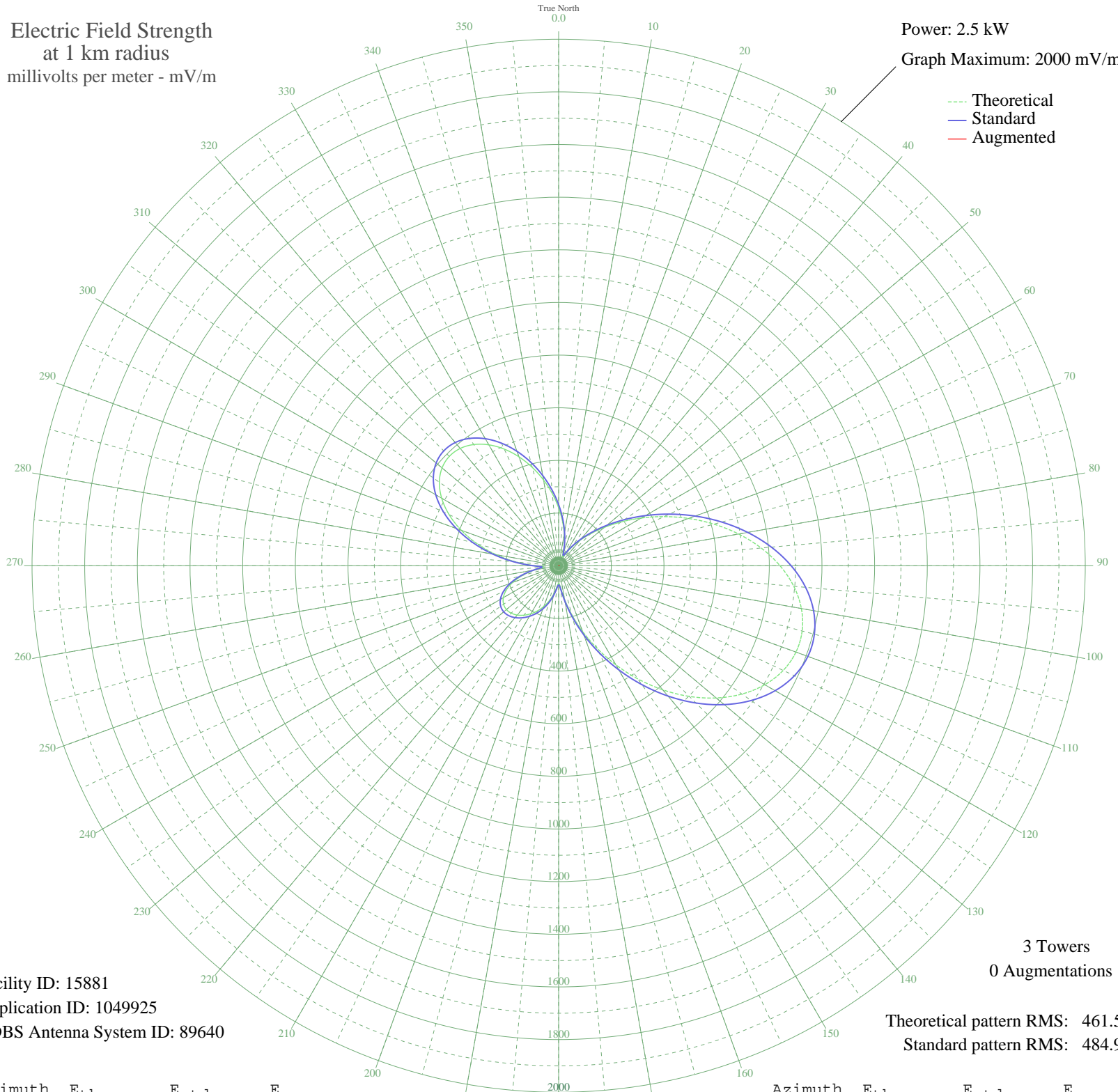


WNOP NEWPORT, KY BL-20050214AHI 740 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 15881
Application ID: 1049925
CDBS Antenna System ID: 89640

3 Towers
0 Augmentations

Theoretical pattern RMS: 461.52
Standard pattern RMS: 484.93

Azimuth	E _{theo}	E _{std}	E _{aug}
0	220.17	231.89	
5	168.92	178.29	
10	122.10	129.48	
15	80.94	86.89	
20	48.27	53.83	
25	36.15	42.07	
30	54.54	60.07	
35	86.44	92.55	
40	125.40	132.91	
45	171.79	181.28	
50	226.63	238.65	
55	290.34	305.40	
60	362.42	380.97	
65	441.43	463.85	
70	525.11	551.67	
75	610.51	641.29	
80	694.13	729.06	
85	772.18	810.99	
90	840.83	883.05	
95	896.49	941.49	
100	936.12	983.09	
105	957.43	1005.47	
110	959.14	1007.26	
115	941.03	988.25	
120	903.99	949.36	
125	849.90	892.58	
130	781.49	820.76	
135	702.09	737.42	
140	615.35	646.37	
145	524.99	551.54	
150	434.53	456.62	
155	347.13	364.94	
160	265.52	279.38	
165	192.09	202.50	
170	129.58	137.27	
175	83.49	89.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	66.62	72.26	
185	81.98	87.97	
190	109.51	116.41	
195	137.96	145.98	
200	164.55	173.73	
205	188.80	199.06	
210	210.52	221.79	
215	229.33	241.47	
220	244.46	257.32	
225	254.78	268.14	
230	258.91	272.46	
235	255.33	268.70	
240	242.62	255.40	
245	219.69	231.39	
250	186.03	196.17	
255	142.25	150.46	
260	92.13	98.42	
265	57.02	62.55	
270	90.79	97.04	
275	161.75	170.80	
280	240.63	253.31	
285	319.44	335.90	
290	393.49	413.56	
295	459.01	482.30	
300	512.95	538.90	
305	553.07	581.01	
310	578.02	607.19	
315	587.38	617.01	
320	581.62	610.97	
325	561.98	590.35	
330	530.31	557.12	
335	488.87	513.63	
340	440.14	462.50	
345	386.63	406.36	
350	330.73	347.74	
355	274.63	288.93	

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