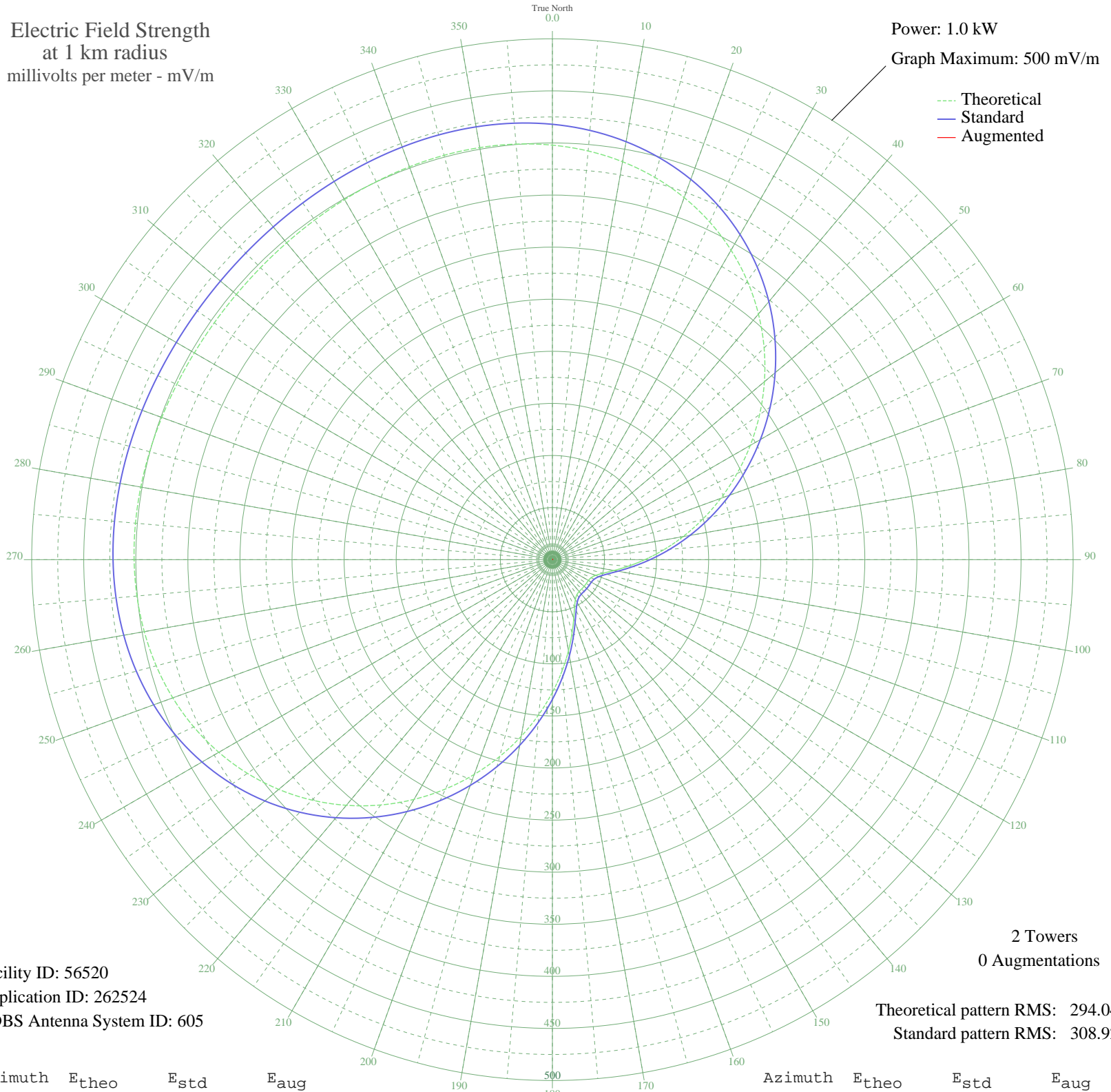


WDRD NEWBURG, KY BL-19980217KD 680 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 56520  
Application ID: 262524  
CDBS Antenna System ID: 605

Theoretical pattern RMS: 294.04  
Standard pattern RMS: 308.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	397.92	417.95	
5	393.82	413.64	
10	387.89	407.42	
15	379.96	399.09	
20	369.87	388.51	
25	357.57	375.60	
30	343.06	360.37	
35	326.42	342.90	
40	307.82	323.38	
45	287.49	302.04	
50	265.72	279.21	
55	242.89	255.25	
60	219.39	230.60	
65	195.64	205.69	
70	172.09	181.00	
75	149.18	156.99	
80	127.36	134.14	
85	107.07	112.92	
90	88.77	93.80	
95	72.92	77.28	
100	59.98	63.85	
105	50.36	53.91	
110	44.18	47.57	
115	41.02	44.34	
120	39.91	43.20	
125	39.75	43.04	
130	39.79	43.08	
135	39.75	43.04	
140	39.91	43.20	
145	41.02	44.34	
150	44.18	47.57	
155	50.36	53.91	
160	59.98	63.85	
165	72.92	77.28	
170	88.77	93.80	
175	107.07	112.92	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	127.36	134.14	
185	149.18	156.99	
190	172.09	181.00	
195	195.64	205.69	
200	219.39	230.60	
205	242.89	255.25	
210	265.72	279.21	
215	287.48	302.04	
220	307.82	323.38	
225	326.42	342.90	
230	343.06	360.37	
235	357.57	375.60	
240	369.87	388.51	
245	379.96	399.09	
250	387.89	407.42	
255	393.82	413.64	
260	397.92	417.95	
265	400.45	420.60	
270	401.67	421.89	
275	401.87	422.10	
280	401.34	421.54	
285	400.35	420.50	
290	399.16	419.25	
295	397.98	418.02	
300	397.01	417.00	
305	396.38	416.33	
310	396.15	416.09	
315	396.38	416.33	
320	397.01	417.00	
325	397.98	418.02	
330	399.16	419.25	
335	400.35	420.50	
340	401.34	421.54	
345	401.87	422.10	
350	401.67	421.89	
355	400.45	420.60	

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.

03 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission