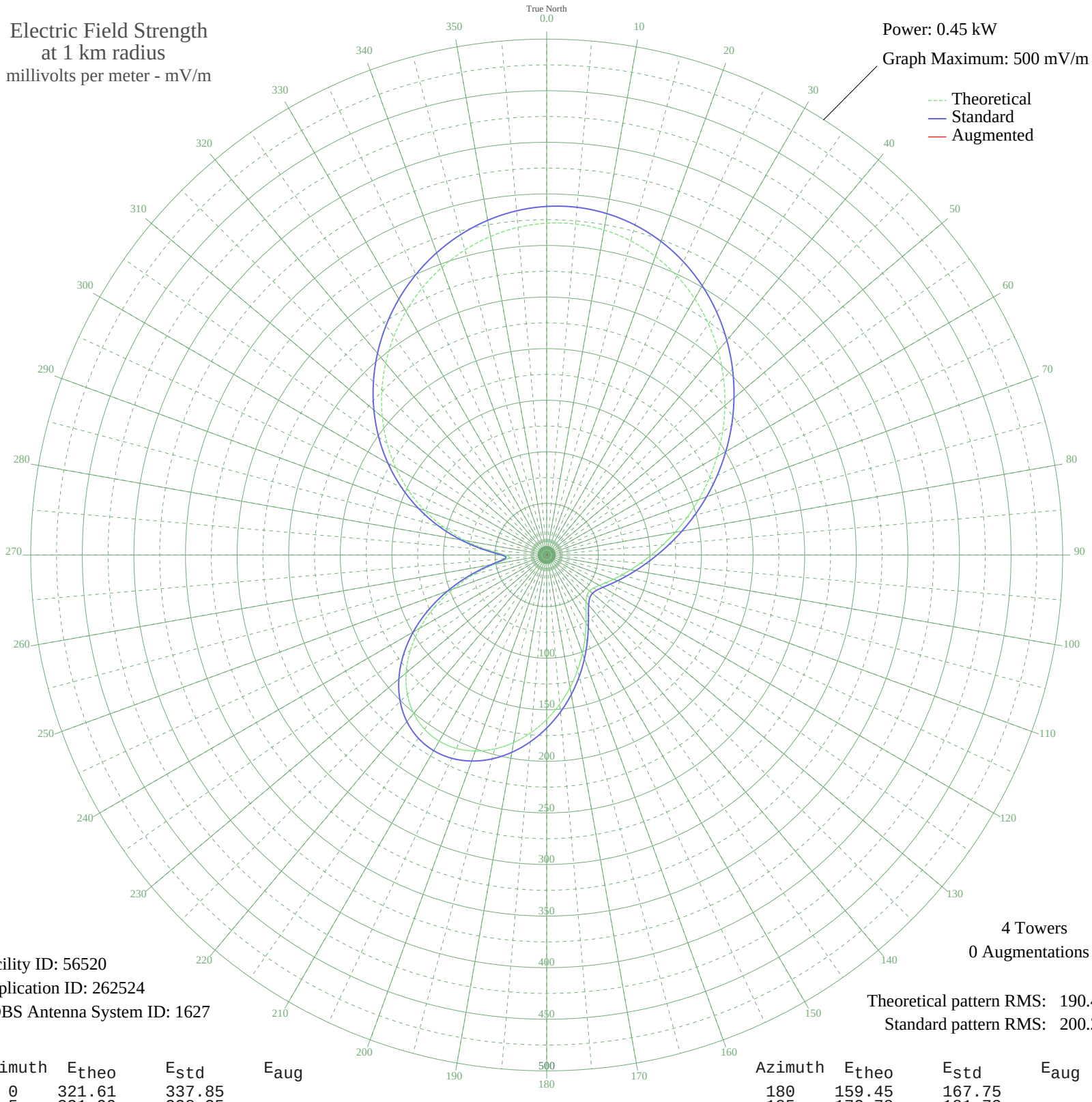
WDRD NEWBURG, KY BL-19980217KD 680 kHz

Nighttime

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



Power: 0.45 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 56520
Application ID: 262524
CDBS Antenna System ID: 1627

4 Towers
0 Augmentations

Theoretical pattern RMS: 190.40
Standard pattern RMS: 200.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	321.61	337.85	
5	321.99	338.25	
10	319.83	335.99	
15	315.13	331.05	
20	307.95	323.52	
25	298.45	313.55	
30	286.85	301.37	
35	273.42	287.28	
40	258.48	271.61	
45	242.38	254.71	
50	225.46	236.97	
55	208.09	218.75	
60	190.62	200.42	
65	173.38	182.35	
70	156.72	164.89	
75	140.94	148.36	
80	126.33	133.06	
85	113.12	119.24	
90	101.44	107.03	
95	91.32	96.45	
100	82.65	87.41	
105	75.25	79.70	
110	68.90	73.10	
115	63.45	67.45	
120	58.95	62.78	
125	55.69	59.41	
130	54.25	57.92	
135	55.32	59.03	
140	59.38	63.23	
145	66.46	70.57	
150	76.20	80.70	
155	88.02	93.02	
160	101.35	106.93	
165	115.64	121.88	
170	130.41	137.33	
175	145.17	152.79	

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 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	159.45	167.75	
185	172.78	181.73	
190	184.67	194.19	
195	194.63	204.63	
200	202.18	212.55	
205	206.87	217.47	
210	208.33	219.00	
215	206.25	216.82	
220	200.47	210.76	
225	190.95	200.77	
230	177.80	186.98	
235	161.30	169.69	
240	141.89	149.35	
245	120.15	126.59	
250	96.88	102.26	
255	73.23	77.61	
260	51.42	55.01	
265	37.23	40.48	
270	40.42	43.72	
275	57.74	61.53	
280	79.80	84.45	
285	102.84	108.49	
290	125.62	132.32	
295	147.67	155.41	
300	168.79	177.54	
305	188.89	198.61	
310	207.94	218.59	
315	225.90	237.43	
320	242.72	255.07	
325	258.34	271.46	
330	272.63	286.46	
335	285.48	299.93	
340	296.70	311.71	
345	306.11	321.59	
350	313.52	329.36	
355	318.74	334.84	