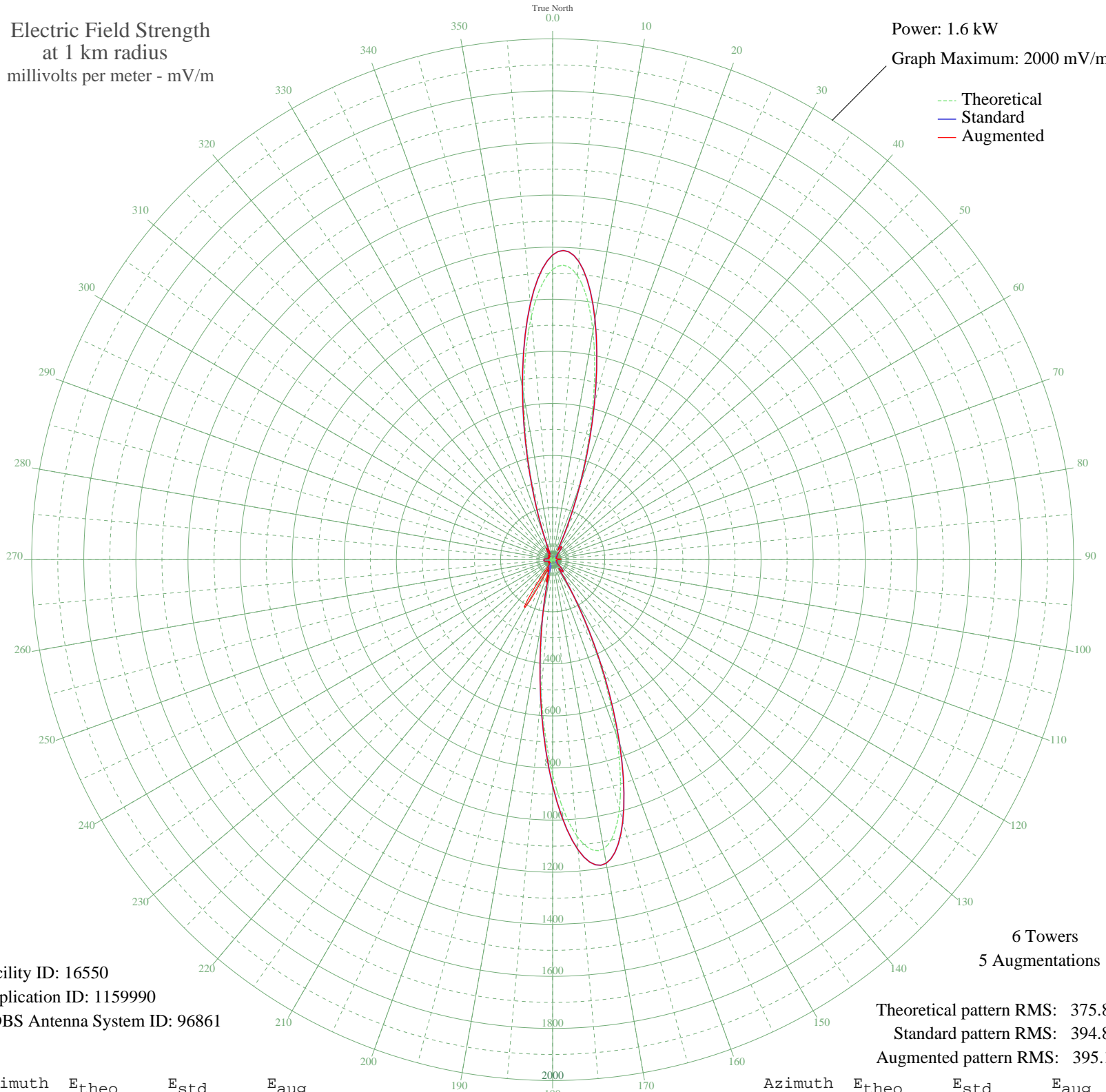


KRHW SIKESTON, MO BL-20061106ADE 1520 kHz

Nighttime

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

Power: 1.6 kW  
Graph Maximum: 2000 mV/m



Facility ID: 16550  
Application ID: 1159990  
CDBS Antenna System ID: 96861

6 Towers  
5 Augmentations

Theoretical pattern RMS: 375.80  
Standard pattern RMS: 394.82  
Augmented pattern RMS: 395.11

Azimuth	Etheo	Estd	Eaug
0	1114.36	1170.16	1170.16
5	1094.69	1149.50	1149.50
10	891.52	936.20	936.20
15	589.19	618.79	618.79
20	294.87	309.90	309.90
25	88.86	94.25	94.25
30	42.68	46.76	46.76
35	55.88	60.17	60.17
40	34.60	38.69	38.69
45	6.49	14.96	24.89
50	11.29	17.83	20.51
55	15.68	21.18	21.18
60	11.07	17.68	17.68
65	3.15	13.72	13.72
70	4.22	14.04	14.04
75	9.43	16.60	16.60
80	12.40	18.62	18.62
85	13.58	19.51	30.68
90	13.29	19.29	22.75
95	11.45	17.94	17.94
100	7.63	15.54	15.54
105	1.50	13.41	13.41
110	6.41	14.92	14.92
115	13.61	19.54	19.54
120	15.34	20.90	20.90
125	5.86	14.67	20.60
130	17.09	22.35	23.53
135	45.43	49.53	49.53
140	55.91	60.20	60.20
145	36.29	40.36	40.36
150	157.24	165.64	165.64
155	405.52	426.00	426.00
160	714.99	750.85	750.85
165	990.56	1040.17	1040.17
170	1127.24	1183.68	1183.68
175	1065.09	1118.42	1118.42

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	826.14	867.55	867.55
185	504.40	529.78	529.78
190	213.69	224.77	224.77
195	32.17	36.31	64.41
200	43.21	47.28	47.28
205	34.98	39.07	39.07
210	6.50	14.97	211.90
215	17.04	22.30	22.30
220	15.30	20.87	20.87
225	1.72	13.44	13.44
230	11.19	17.76	17.76
235	15.74	21.23	21.23
240	11.15	17.74	17.74
245	0.91	13.35	13.35
250	10.70	17.42	17.42
255	20.49	25.30	25.30
260	27.01	31.33	31.33
265	29.90	34.10	34.10
270	29.18	33.41	33.41
275	24.83	29.28	29.28
280	16.92	22.20	22.20
285	6.14	14.80	14.80
290	5.39	14.47	14.47
295	13.92	19.77	19.77
300	15.11	20.72	20.72
305	6.77	15.10	15.10
310	7.72	15.59	15.59
315	18.11	23.22	23.22
320	12.29	18.55	18.55
325	16.67	21.99	21.99
330	43.71	47.79	47.79
335	29.50	33.72	33.72
340	88.69	94.07	94.07
345	320.02	336.29	336.29
350	635.44	667.34	667.34
355	938.05	985.04	985.04