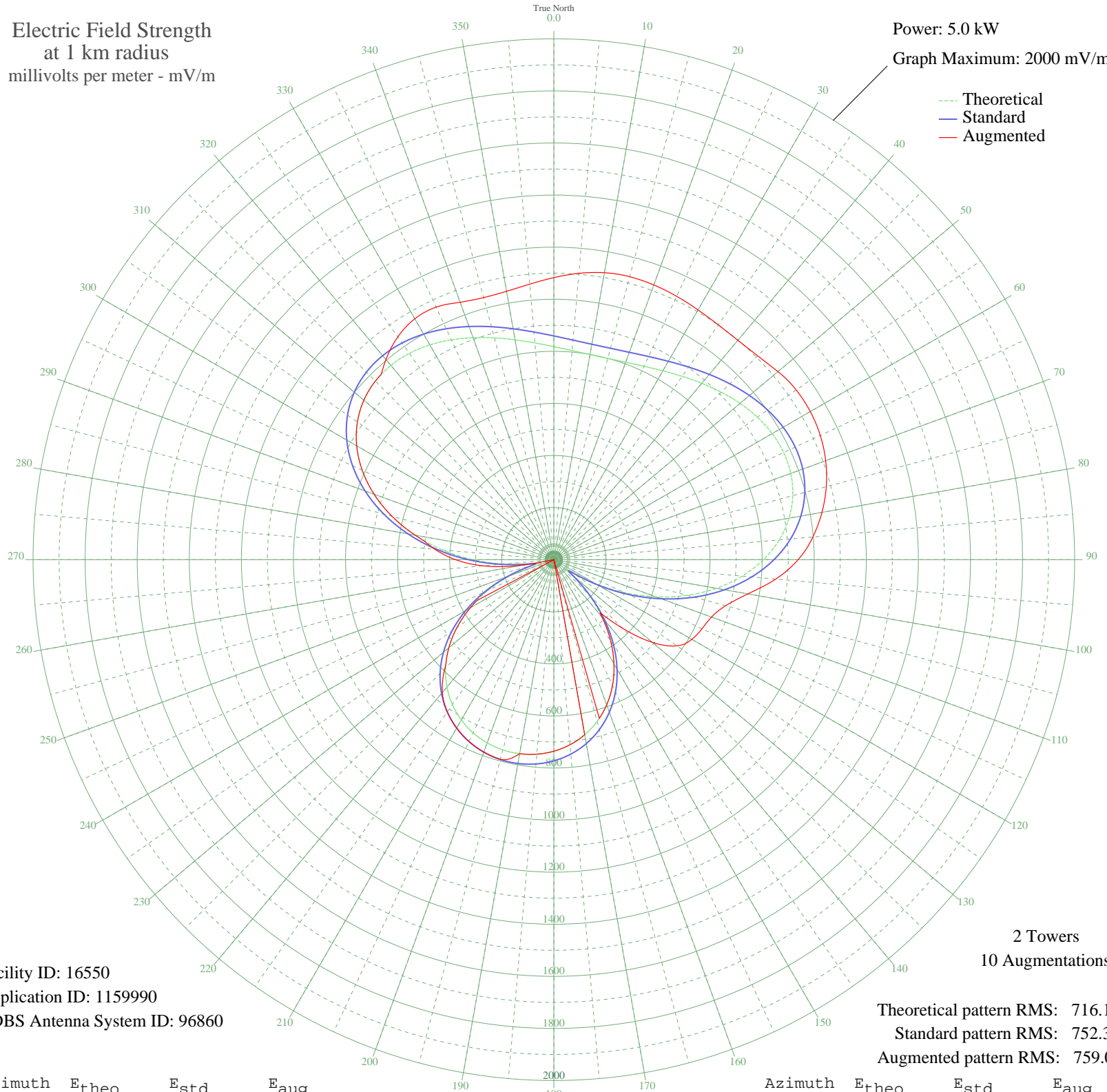


# KRHW SIKESTON, MO BL-20061106ADE 1520 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 16550  
Application ID: 1159990  
CDBS Antenna System ID: 96860

2 Towers  
10 Augmentations

Theoretical pattern RMS: 716.16  
Standard pattern RMS: 752.33  
Augmented pattern RMS: 759.07

Azimuth	Etheo	Estd	Eaug
0	817.87	859.08	1083.09
5	805.71	846.32	1103.72
10	799.61	839.92	1118.85
15	799.94	840.26	1124.83
20	806.66	847.32	1122.62
25	819.39	860.68	1115.89
30	837.36	879.55	1107.34
35	859.44	902.72	1100.67
40	884.12	928.62	1099.61
45	909.57	955.33	1106.95
50	933.66	980.62	1123.45
55	954.04	1002.01	1136.15
60	968.24	1016.92	1137.32
65	973.78	1022.74	1129.04
70	968.36	1017.05	1111.05
75	949.95	997.73	1083.20
80	917.05	963.19	1045.57
85	868.73	912.47	998.57
90	804.84	845.41	938.32
95	725.98	762.64	855.52
100	633.59	665.68	756.75
105	529.81	556.80	683.13
110	417.50	439.01	644.41
115	300.18	316.06	627.68
120	182.77	193.34	612.13
125	80.19	87.41	576.99
130	91.37	98.76	494.34
135	188.93	199.77	371.74
140	288.39	303.72	288.39
145	380.16	399.86	380.16
150	461.97	485.64	461.97
155	533.05	560.19	533.05
160	593.28	623.39	593.28
165	643.00	675.56	0.00
170	682.80	717.32	682.80
175	713.39	749.42	713.39

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	735.49	772.62	735.49
185	749.72	787.56	749.72
190	756.54	794.72	756.54
195	756.18	794.34	794.01
200	748.64	786.42	786.42
205	733.64	770.68	770.68
210	710.72	746.63	746.63
215	679.24	713.59	713.59
220	638.48	670.82	665.91
225	587.74	617.57	592.21
230	526.43	553.25	526.43
235	454.27	477.56	454.27
240	371.41	390.68	371.41
245	278.73	293.61	0.00
250	178.77	189.17	0.00
255	83.29	90.55	0.00
260	88.27	95.61	116.89
265	194.29	205.35	273.09
270	312.02	328.46	377.68
275	429.02	451.09	458.46
280	540.63	568.14	540.63
285	643.38	675.96	643.38
290	734.51	771.59	734.51
295	811.92	852.84	811.92
300	874.27	918.28	874.27
305	921.02	967.36	921.02
310	952.43	1000.32	952.43
315	969.45	1018.20	969.45
320	973.69	1022.64	1003.12
325	967.17	1015.80	1044.53
330	952.24	1000.12	1068.01
335	931.37	978.22	1069.99
340	907.05	952.69	1051.84
345	881.58	925.96	1041.81
350	857.09	900.25	1046.36
355	835.36	877.44	1061.98