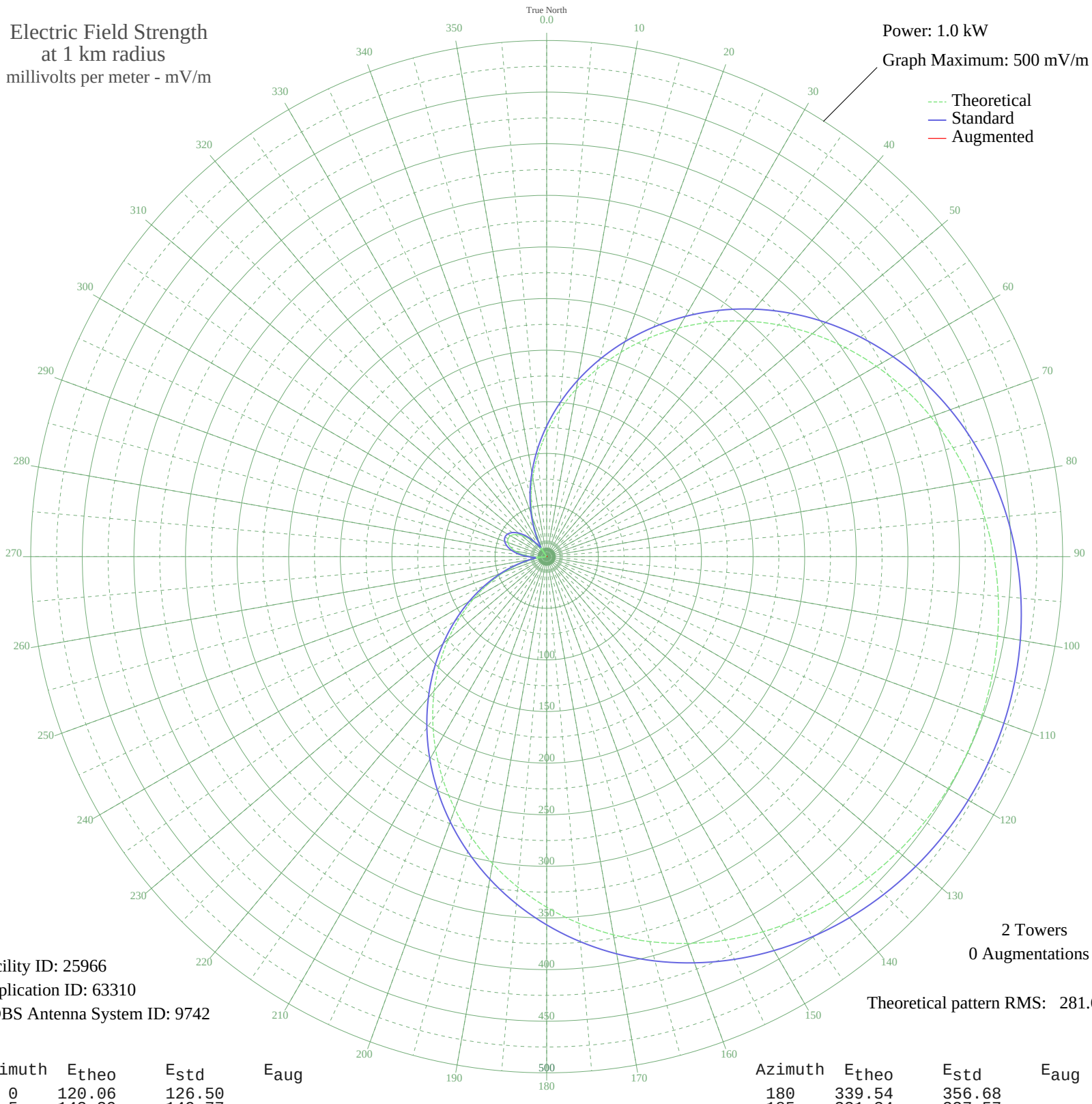
WKCM HAWESVILLE, KY BL-19831122AA 1160 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 25966
Application ID: 63310
CDBS Antenna System ID: 9742

Theoretical pattern RMS: 281.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	120.06	126.50	
5	142.29	149.77	
10	164.99	173.55	
15	187.92	197.59	
20	210.84	221.63	
25	233.52	245.42	
30	255.73	268.72	
35	277.27	291.32	
40	297.93	313.00	
45	317.55	333.60	
50	336.00	352.96	
55	353.17	370.98	
60	368.96	387.55	
65	383.33	402.63	
70	396.24	416.18	
75	407.69	428.20	
80	417.68	438.69	
85	426.25	447.68	
90	433.42	455.21	
95	439.24	461.32	
100	443.74	466.04	
105	446.96	469.43	
110	448.93	471.49	
115	449.67	472.27	
120	449.18	471.75	
125	447.45	469.94	
130	444.49	466.83	
135	440.24	462.37	
140	434.69	456.55	
145	427.79	449.30	
150	419.51	440.61	
155	409.80	430.42	
160	398.65	418.71	
165	386.03	405.46	
170	371.95	390.69	
175	356.44	374.41	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	339.54	356.68	
185	321.34	337.57	
190	301.94	317.21	
195	281.47	295.73	
200	260.10	273.31	
205	238.01	250.13	
210	215.40	226.42	
215	192.51	202.41	
220	169.56	178.35	
225	146.80	154.49	
230	124.46	131.10	
235	102.78	108.43	
240	81.99	86.73	
245	62.30	66.25	
250	43.90	47.27	
255	26.97	30.20	
260	11.66	16.13	
265	1.89	10.69	
270	13.57	17.70	
275	23.28	26.61	
280	30.96	34.16	
285	36.55	39.79	
290	40.00	43.30	
295	41.30	44.62	
300	40.44	43.74	
305	37.41	40.66	
310	32.25	35.45	
315	24.99	28.26	
320	15.67	19.52	
325	4.38	11.46	
330	8.80	13.99	
335	23.77	27.08	
340	40.39	43.69	
345	58.51	62.32	
350	77.96	82.52	
355	98.54	104.00	

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