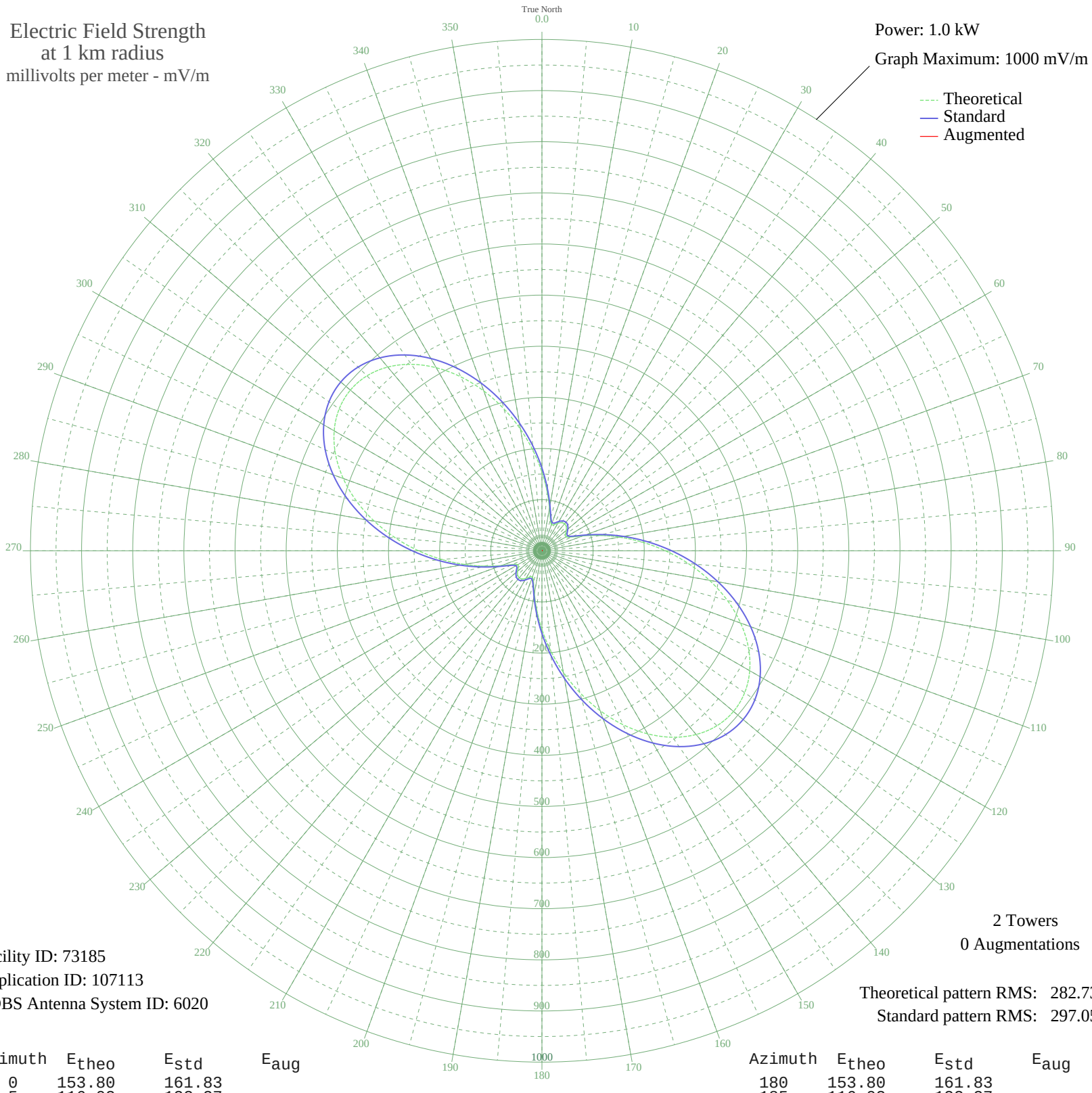
WYHY CANNONSBURG, KY BL-19871125AD 1040 kHz

Critical Hours



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

Facility ID: 73185
Application ID: 107113
CDBS Antenna System ID: 6020

2 Towers
0 Augmentations

Theoretical pattern RMS: 282.73
Standard pattern RMS: 297.05

Azimuth	E_{theo}	E_{std}	E_{aug}
0	153.80	161.83	
5	116.02	122.27	
10	84.97	89.83	
15	63.59	67.59	
20	54.67	58.36	
25	56.34	60.08	
30	62.13	66.07	
35	67.04	71.17	
40	68.88	73.08	
45	67.04	71.17	
50	62.13	66.07	
55	56.34	60.08	
60	54.67	58.36	
65	63.59	67.59	
70	84.97	89.83	
75	116.02	122.27	
80	153.80	161.83	
85	196.15	206.23	
90	241.27	253.55	
95	287.40	301.96	
100	332.72	349.51	
105	375.35	394.25	
110	413.41	434.21	
115	445.15	467.52	
120	469.04	492.60	
125	483.87	508.18	
130	488.91	513.46	
135	483.87	508.18	
140	469.04	492.60	
145	445.15	467.52	
150	413.41	434.21	
155	375.35	394.25	
160	332.72	349.51	
165	287.40	301.96	
170	241.27	253.55	
175	196.15	206.23	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	153.80	161.83	
185	116.02	122.27	
190	84.97	89.83	
195	63.59	67.59	
200	54.67	58.36	
205	56.34	60.08	
210	62.13	66.07	
215	67.04	71.17	
220	68.88	73.08	
225	67.04	71.17	
230	62.13	66.07	
235	56.34	60.08	
240	54.67	58.36	
245	63.59	67.59	
250	84.97	89.83	
255	116.02	122.27	
260	153.80	161.83	
265	196.15	206.23	
270	241.27	253.55	
275	287.40	301.96	
280	332.72	349.51	
285	375.35	394.25	
290	413.41	434.21	
295	445.15	467.53	
300	469.04	492.60	
305	483.87	508.18	
310	488.91	513.46	
315	483.87	508.18	
320	469.04	492.60	
325	445.15	467.52	
330	413.41	434.21	
335	375.34	394.25	
340	332.72	349.51	
345	287.40	301.96	
350	241.27	253.55	
355	196.15	206.23	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission