

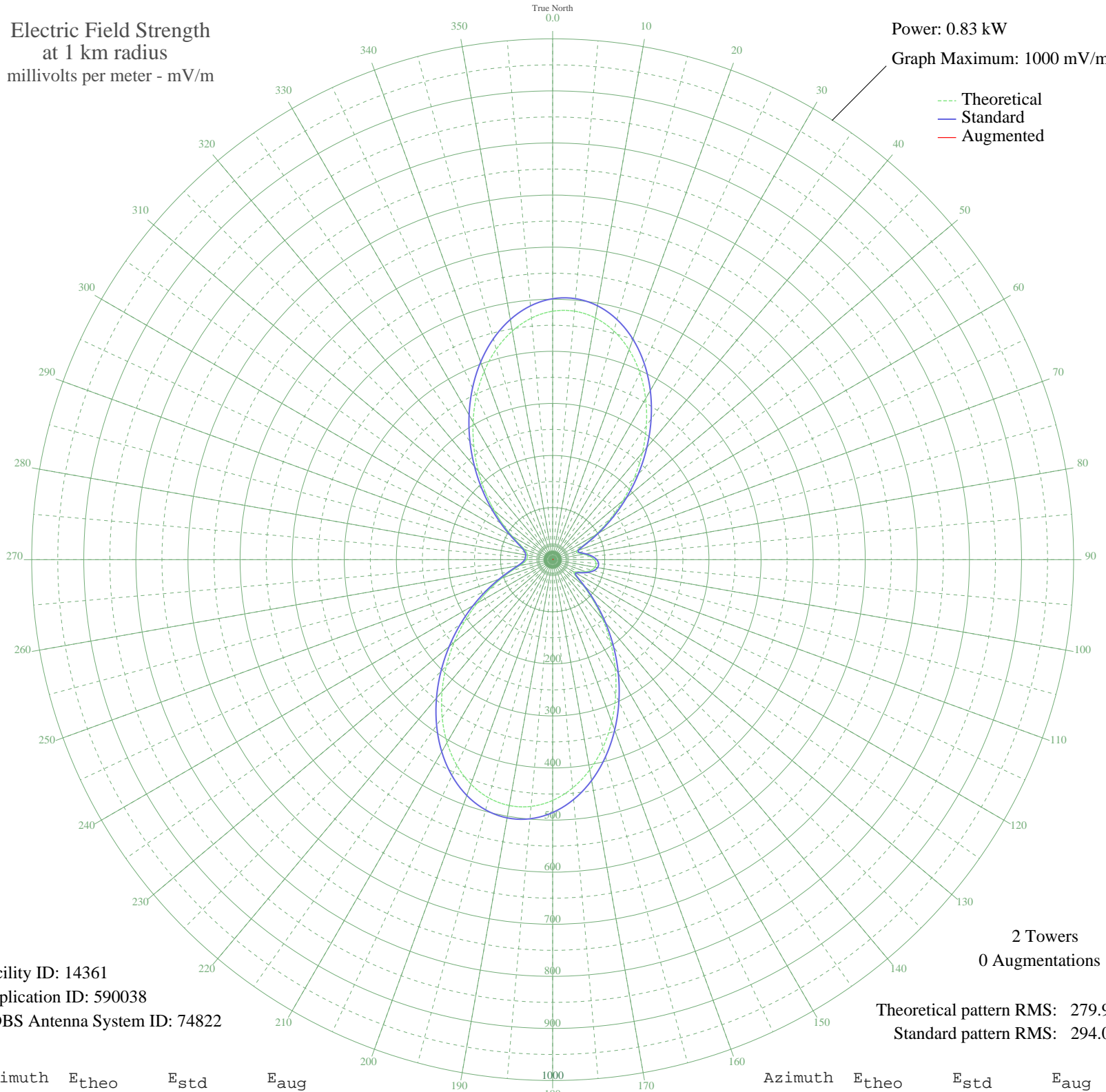
WCTT CORBIN, KY BL-2001128ADJ 680 kHz

Nighttime

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

Power: 0.83 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 14361
Application ID: 590038
CDBS Antenna System ID: 74822

2 Towers
0 Augmentations

Theoretical pattern RMS: 279.90
Standard pattern RMS: 294.08

Azimuth	E _{theo}	E _{std}	E _{aug}
0	477.00	500.96	
5	478.96	503.02	
10	471.34	495.02	
15	454.40	477.24	
20	428.87	450.44	
25	395.89	415.82	
30	356.92	374.91	
35	313.63	329.48	
40	267.82	281.41	
45	221.29	232.60	
50	175.82	184.91	
55	133.17	140.23	
60	95.37	100.68	
65	65.45	69.52	
70	48.97	52.48	
75	49.83	53.37	
80	60.40	64.28	
85	71.69	76.01	
90	79.90	84.55	
95	83.73	88.54	
100	82.76	87.53	
105	77.10	81.64	
110	67.42	71.56	
115	55.72	59.44	
120	47.67	51.14	
125	53.51	57.16	
130	76.19	80.68	
135	109.75	115.72	
140	149.78	157.61	
145	193.77	203.73	
150	239.88	252.09	
155	286.33	300.83	
160	331.35	348.08	
165	373.12	391.92	
170	409.89	430.52	
175	440.05	462.17	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	462.26	485.49	
185	475.53	499.42	
190	479.32	503.40	
195	473.57	497.36	
200	458.69	481.74	
205	435.56	457.46	
210	405.40	425.80	
215	369.73	388.36	
220	330.23	346.90	
225	288.63	303.25	
230	246.63	259.17	
235	205.80	216.34	
240	167.57	176.26	
245	133.22	140.27	
250	103.89	109.59	
255	80.62	85.30	
260	64.17	68.19	
265	54.49	58.17	
270	50.12	53.66	
275	48.79	52.29	
280	49.08	52.59	
285	51.37	54.95	
290	57.61	61.39	
295	69.90	74.14	
300	89.14	94.18	
305	114.95	121.15	
310	146.41	154.09	
315	182.46	191.87	
320	221.89	233.22	
325	263.38	276.74	
330	305.42	320.86	
335	346.38	363.85	
340	384.56	403.92	
345	418.21	439.25	
350	445.73	468.14	
355	465.69	489.09	

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