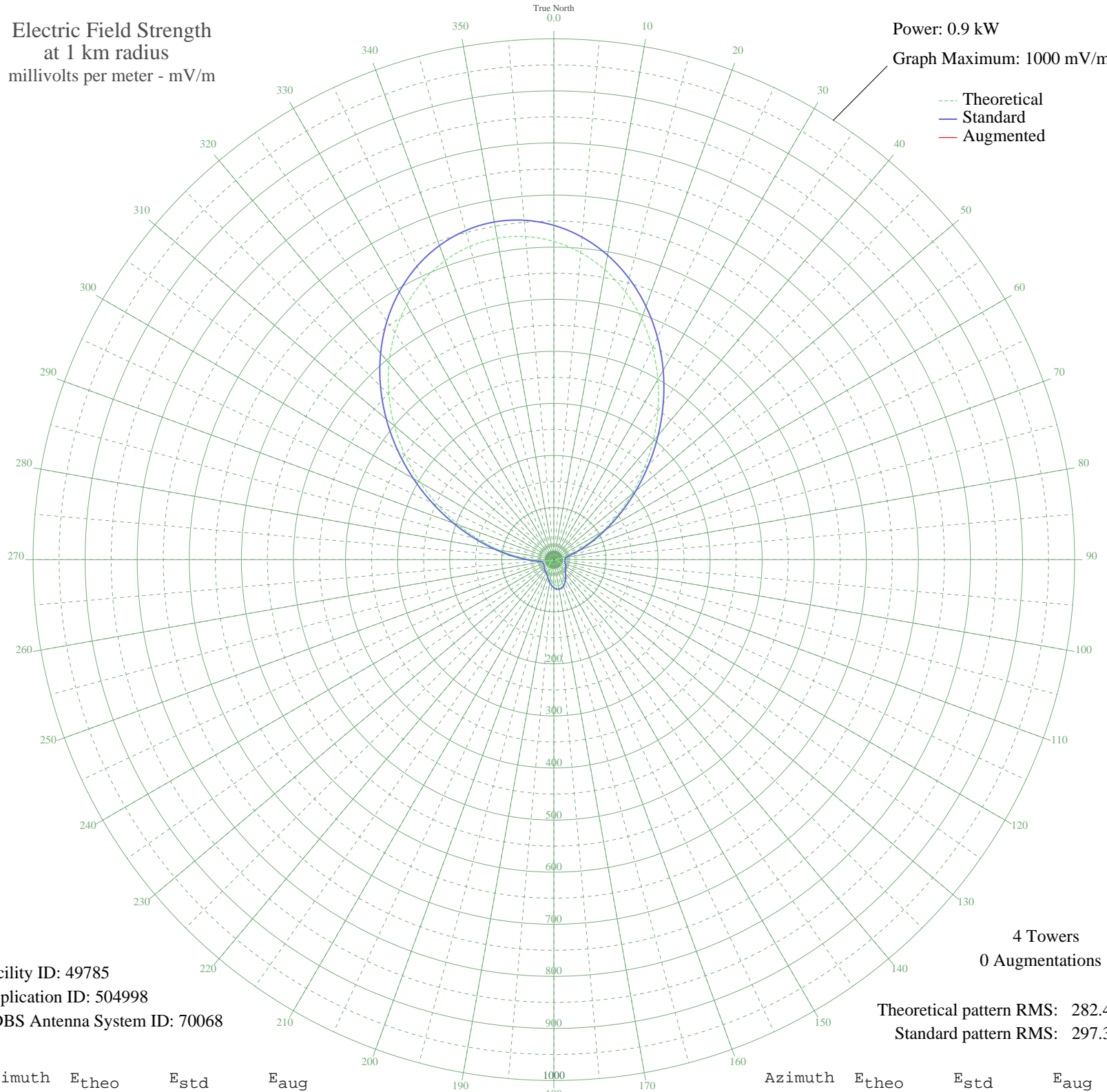


# WNWI OAK LAWN, IL BL-20000224AAT 1080 kHz

Nighttime

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

Power: 0.9 kW  
Graph Maximum: 1000 mV/m



Facility ID: 49785  
Application ID: 504998  
CDBS Antenna System ID: 70068

4 Towers  
0 Augmentations

Theoretical pattern RMS: 282.48  
Standard pattern RMS: 297.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	610.98	641.89	
5	591.66	621.61	
10	565.08	593.72	
15	531.76	558.76	
20	492.39	517.45	
25	447.89	470.77	
30	399.40	419.92	
35	348.25	366.29	
40	295.97	311.51	
45	244.17	257.27	
50	194.50	205.35	
55	148.53	157.43	
60	107.62	115.02	
65	72.84	79.43	
70	44.84	51.74	
75	23.88	32.99	
80	9.81	23.79	
85	3.03	21.67	
90	3.41	21.74	
95	2.76	21.64	
100	1.80	21.52	
105	5.13	22.11	
110	9.19	23.51	
115	12.69	25.24	
120	15.29	26.79	
125	17.21	28.04	
130	19.17	29.41	
135	22.04	31.55	
140	26.25	34.92	
145	31.56	39.47	
150	37.28	44.64	
155	42.66	49.66	
160	47.01	53.81	
165	49.82	56.54	
170	50.80	57.49	
175	49.82	56.54	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	47.01	53.81	
185	42.66	49.66	
190	37.28	44.64	
195	31.56	39.47	
200	26.25	34.92	
205	22.04	31.55	
210	19.17	29.41	
215	17.21	28.04	
220	15.29	26.79	
225	12.69	25.24	
230	9.19	23.51	
235	5.13	22.11	
240	1.80	21.52	
245	2.76	21.64	
250	3.41	21.74	
255	3.03	21.67	
260	9.81	23.79	
265	23.88	32.99	
270	44.84	51.74	
275	72.84	79.43	
280	107.62	115.02	
285	148.53	157.43	
290	194.50	205.35	
295	244.17	257.27	
300	295.97	311.51	
305	348.25	366.29	
310	399.40	419.92	
315	447.89	470.77	
320	492.39	517.45	
325	531.76	558.76	
330	565.08	593.72	
335	591.66	621.61	
340	610.98	641.89	
345	622.70	654.19	
350	626.63	658.31	
355	622.70	654.19	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission