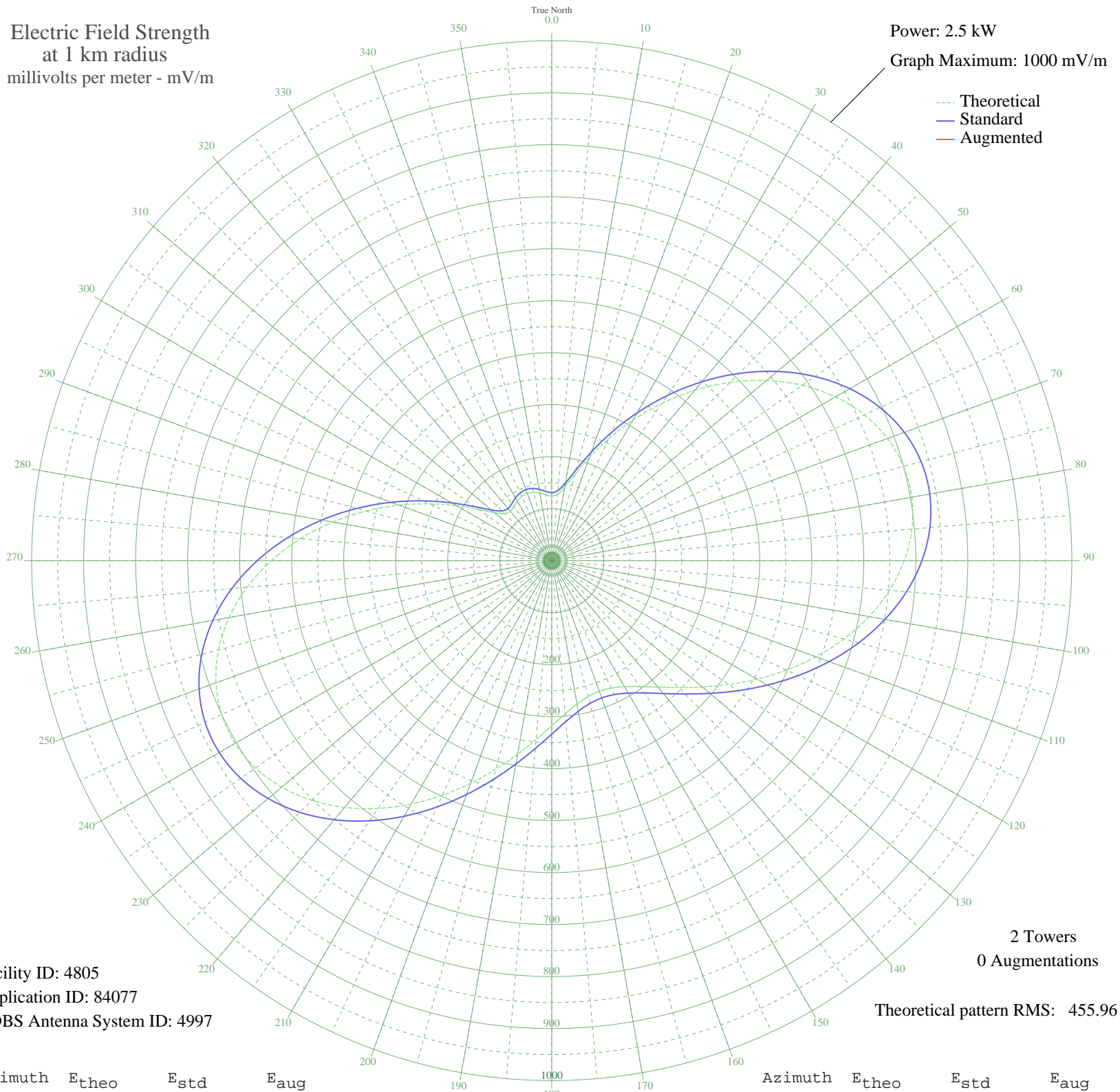


# WHNY PARIS, TN BL-19851210AA 1000 kHz

## Critical Hours

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 4805  
Application ID: 84077  
CDBS Antenna System ID: 4997

2 Towers  
0 Augmentations

Theoretical pattern RMS: 455.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	124.09	130.97	
5	128.39	135.46	
10	143.96	151.74	
15	172.09	181.18	
20	211.26	222.22	
25	258.89	272.15	
30	312.40	328.29	
35	369.42	388.12	
40	427.67	449.25	
45	484.95	509.37	
50	539.09	566.20	
55	588.05	617.60	
60	630.00	661.63	
65	663.39	696.68	
70	687.04	721.51	
75	700.26	735.39	
80	702.84	738.10	
85	695.07	729.94	
90	677.73	711.74	
95	652.00	684.73	
100	619.38	650.49	
105	581.61	610.84	
110	540.52	567.70	
115	497.94	523.00	
120	455.63	478.60	
125	415.19	436.15	
130	377.98	397.10	
135	345.14	362.64	
140	317.50	333.64	
145	295.65	310.71	
150	279.91	294.20	
155	270.44	284.27	
160	267.28	280.96	
165	270.44	284.27	
170	279.91	294.20	
175	295.65	310.71	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	317.50	333.64	
185	345.14	362.63	
190	377.98	397.10	
195	415.19	436.15	
200	455.63	478.59	
205	497.94	523.00	
210	540.52	567.70	
215	581.61	610.84	
220	619.38	650.49	
225	652.00	684.73	
230	677.73	711.74	
235	695.07	729.94	
240	702.84	738.10	
245	700.26	735.39	
250	687.04	721.51	
255	663.39	696.68	
260	630.00	661.64	
265	588.05	617.60	
270	539.09	566.20	
275	484.95	509.37	
280	427.67	449.25	
285	369.42	388.12	
290	312.40	328.29	
295	258.89	272.16	
300	211.26	222.22	
305	172.09	181.18	
310	143.96	151.74	
315	128.39	135.46	
320	124.09	130.97	
325	126.88	133.88	
330	132.08	139.31	
335	136.37	143.80	
340	137.98	145.48	
345	136.37	143.80	
350	132.08	139.31	
355	126.88	133.88	