

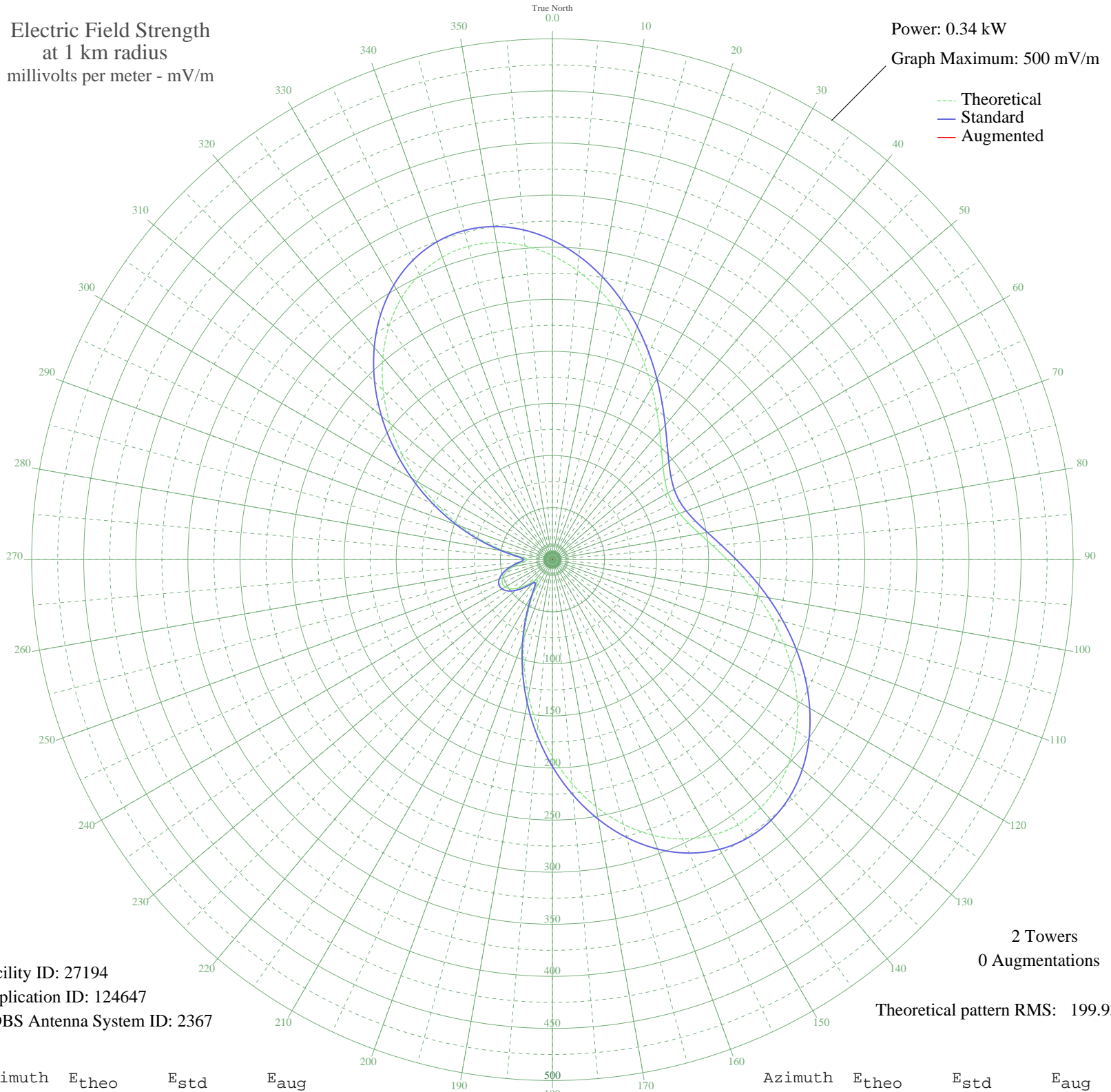
# WWTK LAKE PLACID, FL BL-19890228AC 730 kHz

Nighttime

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

Power: 0.34 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 27194  
Application ID: 124647  
CDBS Antenna System ID: 2367

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 199.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	292.00	306.78	
5	278.42	292.53	
10	262.47	275.79	
15	244.94	257.40	
20	226.66	238.22	
25	208.38	219.05	
30	190.83	200.64	
35	174.61	183.64	
40	160.24	168.58	
45	148.15	155.91	
50	138.65	145.96	
55	131.96	138.96	
60	128.24	135.06	
65	127.55	134.34	
70	129.91	136.81	
75	135.28	142.43	
80	143.54	151.08	
85	154.50	162.56	
90	167.89	176.59	
95	183.33	192.78	
100	200.35	210.63	
105	218.39	229.55	
110	236.76	248.82	
115	254.73	267.67	
120	271.49	285.26	
125	286.24	300.73	
130	298.18	313.26	
135	306.60	322.10	
140	310.91	326.62	
145	310.67	326.37	
150	305.64	321.10	
155	295.82	310.79	
160	281.41	295.67	
165	262.83	276.17	
170	240.68	252.93	
175	215.71	226.74	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	188.75	198.47	
185	160.71	169.08	
190	132.48	139.50	
195	104.95	110.70	
200	79.00	83.61	
205	55.64	59.36	
210	36.50	39.73	
215	25.29	28.56	
220	26.25	29.50	
225	34.17	37.38	
230	42.46	45.80	
235	48.77	52.27	
240	52.38	55.99	
245	53.05	56.69	
250	50.75	54.31	
255	45.60	49.02	
260	38.05	41.31	
265	29.48	32.68	
270	24.28	27.57	
275	30.13	33.33	
280	46.35	49.79	
285	68.09	72.26	
290	93.02	98.24	
295	119.96	126.39	
300	147.98	155.73	
305	176.22	185.33	
310	203.77	214.22	
315	229.74	241.46	
320	253.26	266.14	
325	273.54	287.41	
330	289.89	304.56	
335	301.81	317.08	
340	309.00	324.62	
345	311.38	327.12	
350	309.08	324.70	
355	302.44	317.74	

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