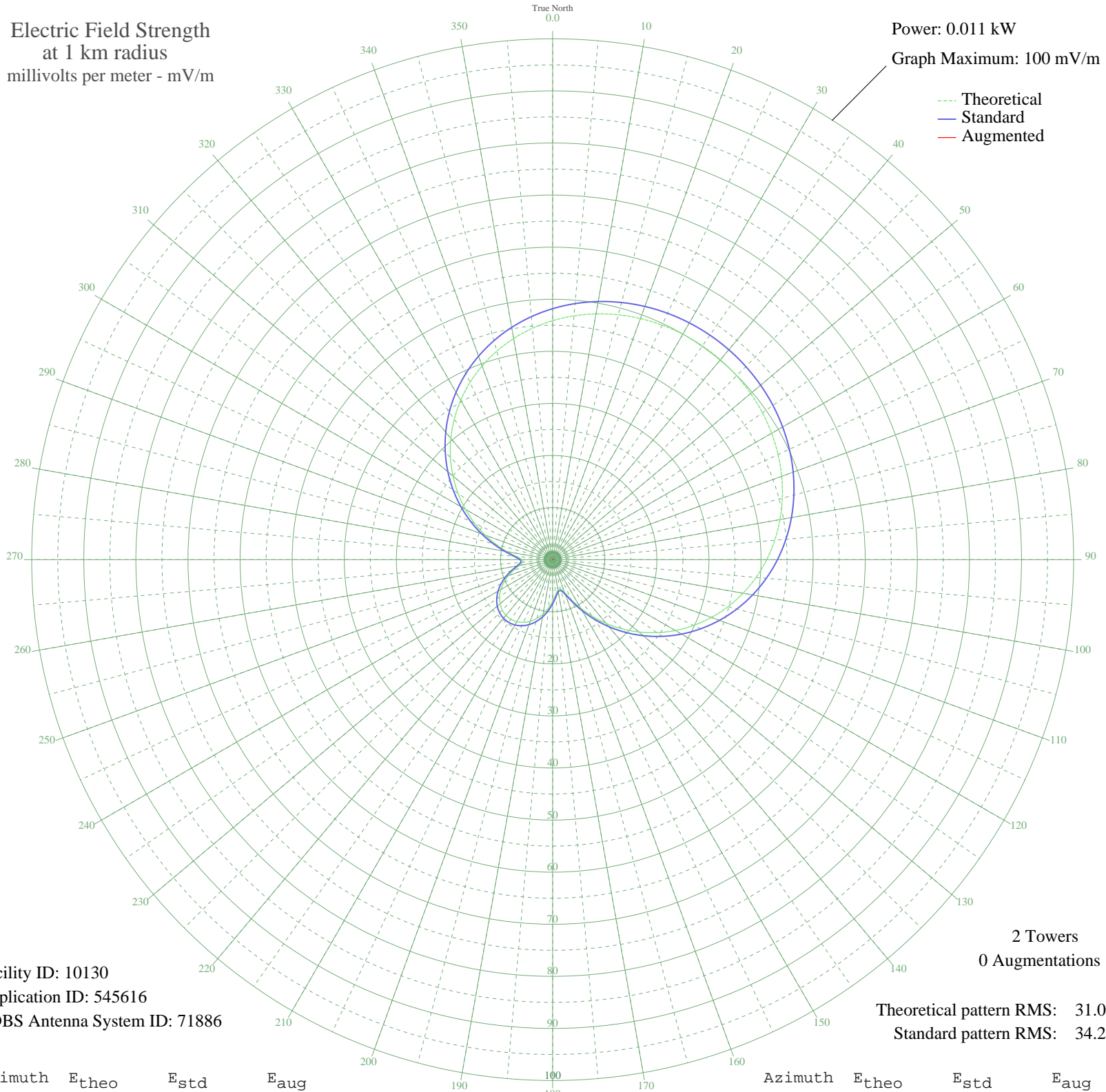


WCHP CHAMPLAIN, NY BL-20001226AAZ 760 kHz

Nighttime

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

Power: 0.011 kW  
Graph Maximum: 100 mV/m



--- Theoretical  
— Standard  
— Augmented

2 Towers  
0 Augmentations

Facility ID: 10130  
Application ID: 545616  
CDBS Antenna System ID: 71886

Theoretical pattern RMS: 31.01  
Standard pattern RMS: 34.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	45.88	48.19	
5	46.99	49.35	
10	47.91	50.32	
15	48.67	51.12	
20	49.26	51.74	
25	49.69	52.19	
30	49.98	52.49	
35	50.11	52.63	
40	50.09	52.61	
45	49.93	52.44	
50	49.62	52.11	
55	49.16	51.63	
60	48.53	50.97	
65	47.74	50.14	
70	46.78	49.13	
75	45.64	47.93	
80	44.31	46.54	
85	42.79	44.95	
90	41.09	43.15	
95	39.19	41.16	
100	37.10	38.98	
105	34.85	36.61	
110	32.43	34.07	
115	29.87	31.38	
120	27.19	28.57	
125	24.42	25.67	
130	21.60	22.71	
135	18.76	19.73	
140	15.96	16.79	
145	13.24	13.95	
150	10.70	11.28	
155	8.44	8.94	
160	6.70	7.12	
165	5.77	6.16	
170	5.86	6.25	
175	6.74	7.16	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	7.99	8.46	
185	9.32	9.85	
190	10.58	11.16	
195	11.68	12.32	
200	12.59	13.27	
205	13.29	14.00	
210	13.75	14.48	
215	13.97	14.71	
220	13.94	14.68	
225	13.68	14.40	
230	13.17	13.87	
235	12.43	13.10	
240	11.47	12.10	
245	10.33	10.91	
250	9.05	9.57	
255	7.73	8.19	
260	6.52	6.94	
265	5.77	6.15	
270	5.88	6.27	
275	6.99	7.43	
280	8.86	9.37	
285	11.19	11.80	
290	13.77	14.50	
295	16.51	17.37	
300	19.33	20.33	
305	22.17	23.30	
310	24.98	26.26	
315	27.73	29.14	
320	30.39	31.93	
325	32.92	34.59	
330	35.31	37.09	
335	37.54	39.43	
340	39.58	41.58	
345	41.44	43.53	
350	43.11	45.28	
355	44.59	46.83	

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