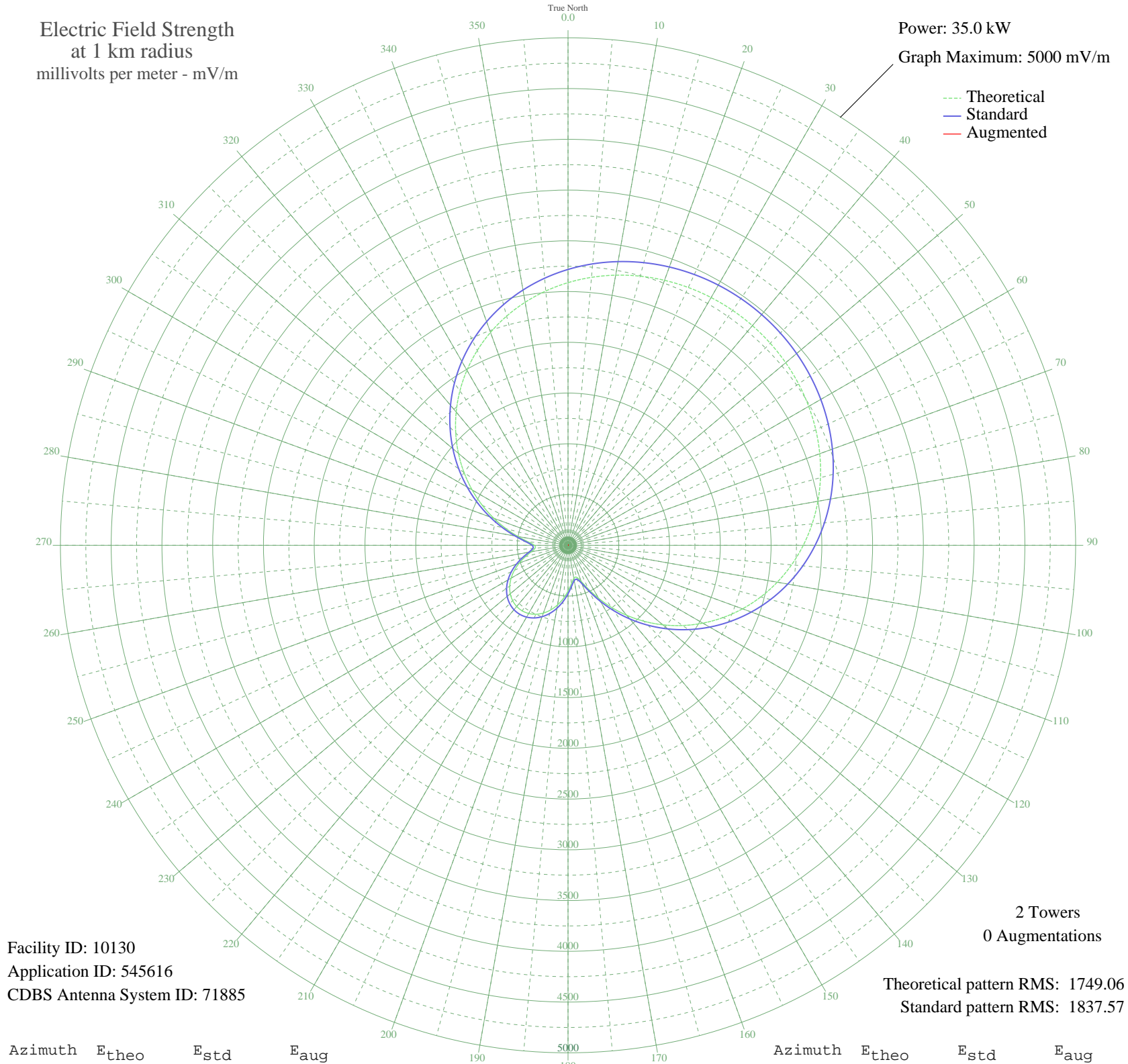


# WCHP CHAMPLAIN, NY BL-20001226AAZ 760 kHz

Daytime

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

Power: 35.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 10130  
Application ID: 545616  
CDBS Antenna System ID: 71885

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1749.06  
Standard pattern RMS: 1837.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2587.85	2717.96	
5	2650.20	2783.41	
10	2702.50	2838.31	
15	2745.12	2883.06	
20	2778.48	2918.08	
25	2802.94	2943.75	
30	2818.80	2960.39	
35	2826.26	2968.23	
40	2825.43	2967.36	
45	2816.30	2957.77	
50	2798.75	2939.35	
55	2772.54	2911.83	
60	2737.35	2874.90	
65	2692.82	2828.15	
70	2638.55	2771.18	
75	2574.15	2703.57	
80	2499.27	2624.98	
85	2413.71	2535.16	
90	2317.34	2434.01	
95	2210.28	2321.63	
100	2092.81	2198.33	
105	1965.47	2064.69	
110	1829.07	1921.54	
115	1684.68	1770.02	
120	1533.64	1611.53	
125	1377.58	1447.81	
130	1218.41	1280.85	
135	1058.35	1113.01	
140	900.06	947.12	
145	746.85	786.67	
150	603.25	636.48	
155	476.30	503.99	
160	377.88	401.65	
165	325.55	347.47	
170	330.54	352.63	
175	380.12	403.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	450.60	477.23	
185	525.59	555.39	
190	596.50	629.42	
195	658.88	694.63	
200	710.33	748.45	
205	749.46	789.40	
210	775.45	816.61	
215	787.85	829.59	
220	786.47	828.15	
225	771.33	812.29	
230	742.66	782.29	
235	700.99	738.68	
240	647.22	682.44	
245	582.89	615.21	
250	510.73	539.88	
255	435.76	461.78	
260	367.83	391.23	
265	325.23	347.15	
270	331.50	353.62	
275	394.49	418.88	
280	499.89	528.57	
285	630.92	665.39	
290	776.89	818.12	
295	931.43	979.99	
300	1090.31	1146.53	
305	1250.39	1314.39	
310	1409.11	1480.88	
315	1564.31	1643.71	
320	1714.14	1800.93	
325	1857.03	1950.88	
330	1991.69	2092.21	
335	2117.11	2223.84	
340	2232.54	2344.99	
345	2337.48	2455.15	
350	2431.68	2554.03	
355	2515.10	2641.59	

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.

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06 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission