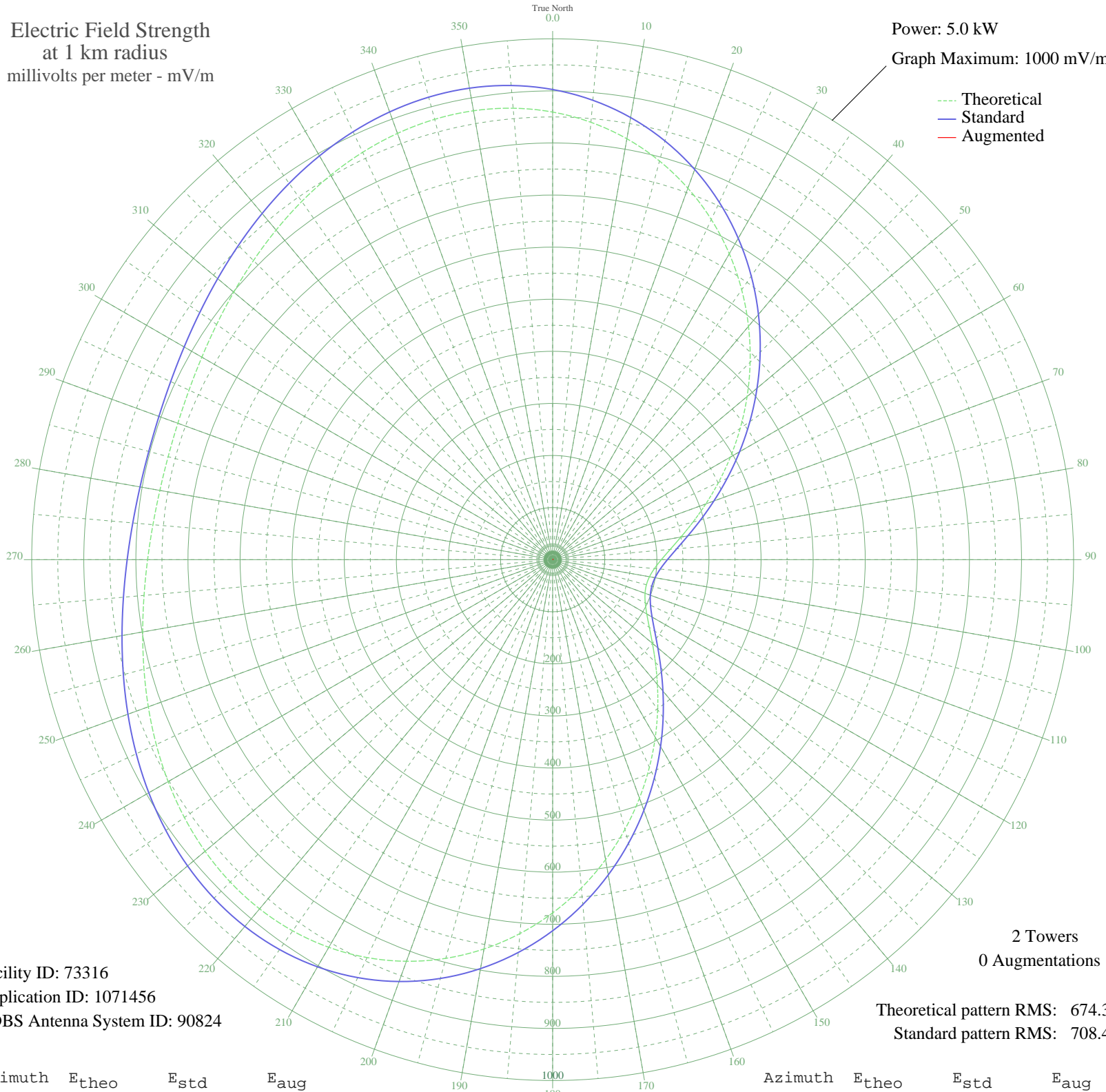


# WNDZ CALUMET CITY, IL BMJP-20041230ACC 750 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 73316  
Application ID: 1071456  
CDBS Antenna System ID: 90824

2 Towers  
0 Augmentations

Theoretical pattern RMS: 674.30  
Standard pattern RMS: 708.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	859.37	902.65	
5	842.91	885.37	
10	820.55	861.90	
15	792.44	832.39	
20	758.93	797.22	
25	720.60	757.00	
30	678.20	712.50	
35	632.62	664.67	
40	584.88	614.57	
45	536.05	563.35	
50	487.24	512.14	
55	439.52	462.09	
60	393.94	414.30	
65	351.43	369.75	
70	312.85	329.33	
75	278.86	293.75	
80	250.01	263.55	
85	226.57	239.06	
90	208.65	220.34	
95	196.13	207.27	
100	188.76	199.58	
105	186.34	197.06	
110	188.76	199.58	
115	196.13	207.27	
120	208.65	220.34	
125	226.57	239.06	
130	250.01	263.55	
135	278.86	293.75	
140	312.85	329.33	
145	351.43	369.75	
150	393.94	414.30	
155	439.52	462.09	
160	487.24	512.14	
165	536.05	563.35	
170	584.88	614.57	
175	632.62	664.67	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	678.20	712.50	
185	720.60	757.00	
190	758.93	797.22	
195	792.44	832.39	
200	820.55	861.90	
205	842.91	885.37	
210	859.37	902.65	
215	870.03	913.83	
220	875.15	919.21	
225	875.24	919.30	
230	870.93	914.78	
235	862.98	906.43	
240	852.25	895.17	
245	839.62	881.91	
250	825.98	867.60	
255	812.20	853.14	
260	799.08	839.37	
265	787.32	827.02	
270	777.53	816.75	
275	770.19	809.04	
280	765.64	804.27	
285	764.10	802.65	
290	765.64	804.27	
295	770.19	809.04	
300	777.53	816.75	
305	787.32	827.02	
310	799.08	839.37	
315	812.20	853.14	
320	825.98	867.60	
325	839.62	881.91	
330	852.25	895.17	
335	862.98	906.43	
340	870.93	914.78	
345	875.24	919.30	
350	875.15	919.21	
355	870.02	913.83	