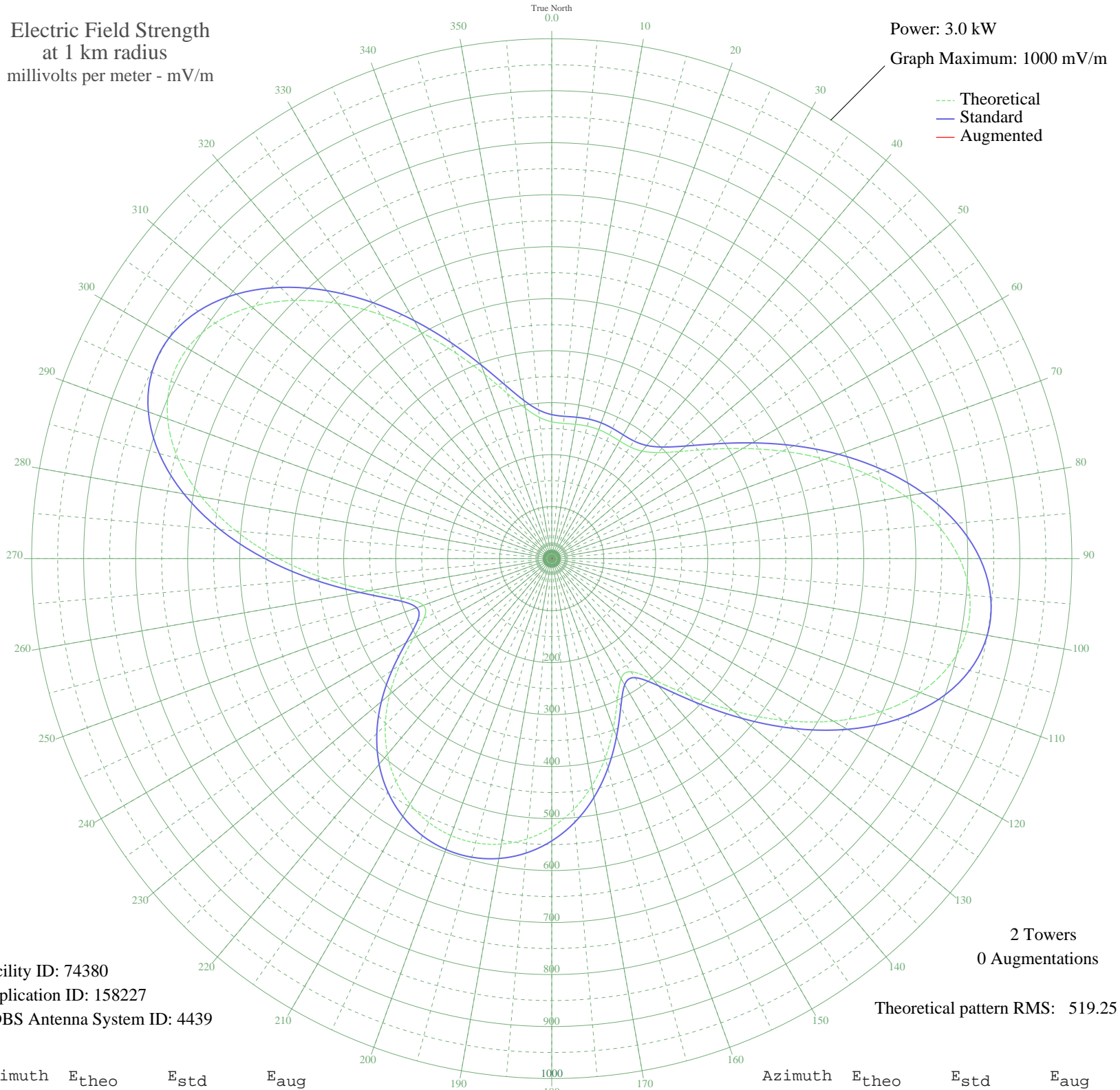


# WBZK YORK, SC BL-19910318AB 980 kHz

Daytime

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

Power: 3.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 74380  
Application ID: 158227  
CDBS Antenna System ID: 4439

2 Towers  
0 Augmentations

Theoretical pattern RMS: 519.25

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	263.24	277.00	
5	261.14	274.80	
10	262.38	276.10	
15	263.90	277.69	
20	264.07	277.87	
25	262.74	276.47	
30	261.24	274.90	
35	262.36	276.08	
40	270.09	284.18	
45	288.58	303.55	
50	320.58	337.10	
55	366.33	385.08	
60	423.75	445.31	
65	489.30	514.08	
70	558.71	586.93	
75	627.43	659.05	
80	690.82	725.59	
85	744.41	781.84	
90	784.13	823.54	
95	806.64	847.17	
100	809.60	850.27	
105	791.89	831.68	
110	753.81	791.71	
115	697.14	732.22	
120	625.09	656.59	
125	542.32	569.73	
130	455.08	478.18	
135	371.68	390.69	
140	303.67	319.38	
145	265.54	279.41	
150	266.41	280.32	
155	298.84	314.31	
160	346.49	364.27	
165	397.06	417.31	
170	444.01	466.57	
175	484.33	508.88	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	516.82	542.97	
185	541.17	568.52	
190	557.48	585.63	
195	565.94	594.52	
200	566.71	595.32	
205	559.79	588.06	
210	545.07	572.61	
215	522.34	548.76	
220	491.48	516.37	
225	452.67	475.65	
230	406.87	427.60	
235	356.65	374.93	
240	307.65	323.54	
245	270.88	285.01	
250	262.57	276.29	
255	293.19	308.39	
260	356.41	374.67	
265	437.77	460.02	
270	525.00	551.55	
275	609.22	639.94	
280	683.83	718.25	
285	743.88	781.29	
290	785.87	825.36	
295	807.72	848.30	
300	808.85	849.49	
305	790.10	829.81	
310	753.58	791.47	
315	702.46	737.81	
320	640.68	672.96	
325	572.66	601.57	
330	503.01	528.48	
335	436.34	458.52	
340	376.98	396.25	
345	328.67	345.58	
350	293.85	309.08	
355	272.81	287.03	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission