

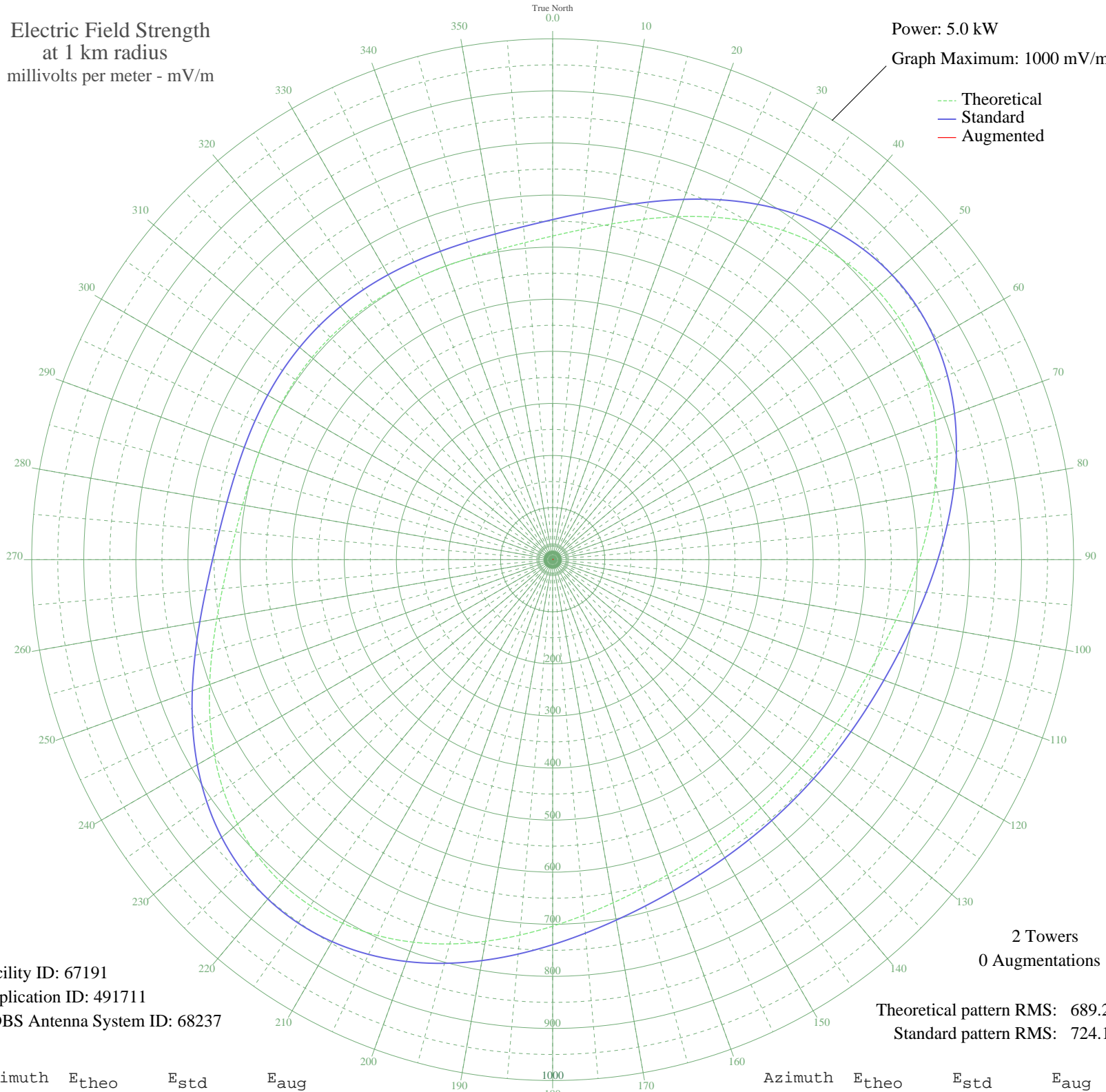
# WINR BINGHAMTON, NY BL-20000222AAC 680 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 67191  
Application ID: 491711  
CDBS Antenna System ID: 68237

2 Towers  
0 Augmentations

Theoretical pattern RMS: 689.28  
Standard pattern RMS: 724.12

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	621.42	652.92	
5	636.04	668.26	
10	654.62	687.75	
15	676.53	710.75	
20	700.68	736.09	
25	725.65	762.29	
30	749.83	787.67	
35	771.61	810.53	
40	789.56	829.37	
45	802.51	842.97	
50	809.73	850.54	
55	810.90	851.76	
60	806.15	846.79	
65	796.07	836.21	
70	781.56	820.98	
75	763.79	802.33	
80	744.05	781.61	
85	723.63	760.18	
90	703.70	739.26	
95	685.23	719.88	
100	668.90	702.74	
105	655.10	688.25	
110	643.95	676.55	
115	635.35	667.53	
120	629.08	660.95	
125	624.87	656.53	
130	622.46	654.00	
135	621.67	653.18	
140	622.46	654.00	
145	624.87	656.53	
150	629.08	660.95	
155	635.35	667.53	
160	643.95	676.55	
165	655.10	688.25	
170	668.90	702.74	
175	685.23	719.88	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	703.70	739.26	
185	723.63	760.17	
190	744.05	781.61	
195	763.79	802.33	
200	781.56	820.98	
205	796.07	836.20	
210	806.15	846.79	
215	810.90	851.76	
220	809.73	850.54	
225	802.51	842.97	
230	789.56	829.37	
235	771.61	810.53	
240	749.83	787.67	
245	725.65	762.29	
250	700.68	736.09	
255	676.53	710.75	
260	654.62	687.75	
265	636.04	668.26	
270	621.42	652.92	
275	610.92	641.89	
280	604.22	634.87	
285	600.71	631.18	
290	599.59	630.00	
295	600.00	630.43	
300	601.17	631.67	
305	602.47	633.03	
310	603.44	634.05	
315	603.80	634.42	
320	603.44	634.05	
325	602.47	633.03	
330	601.17	631.67	
335	600.00	630.43	
340	599.59	630.00	
345	600.71	631.18	
350	604.22	634.87	
355	610.92	641.89	

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