

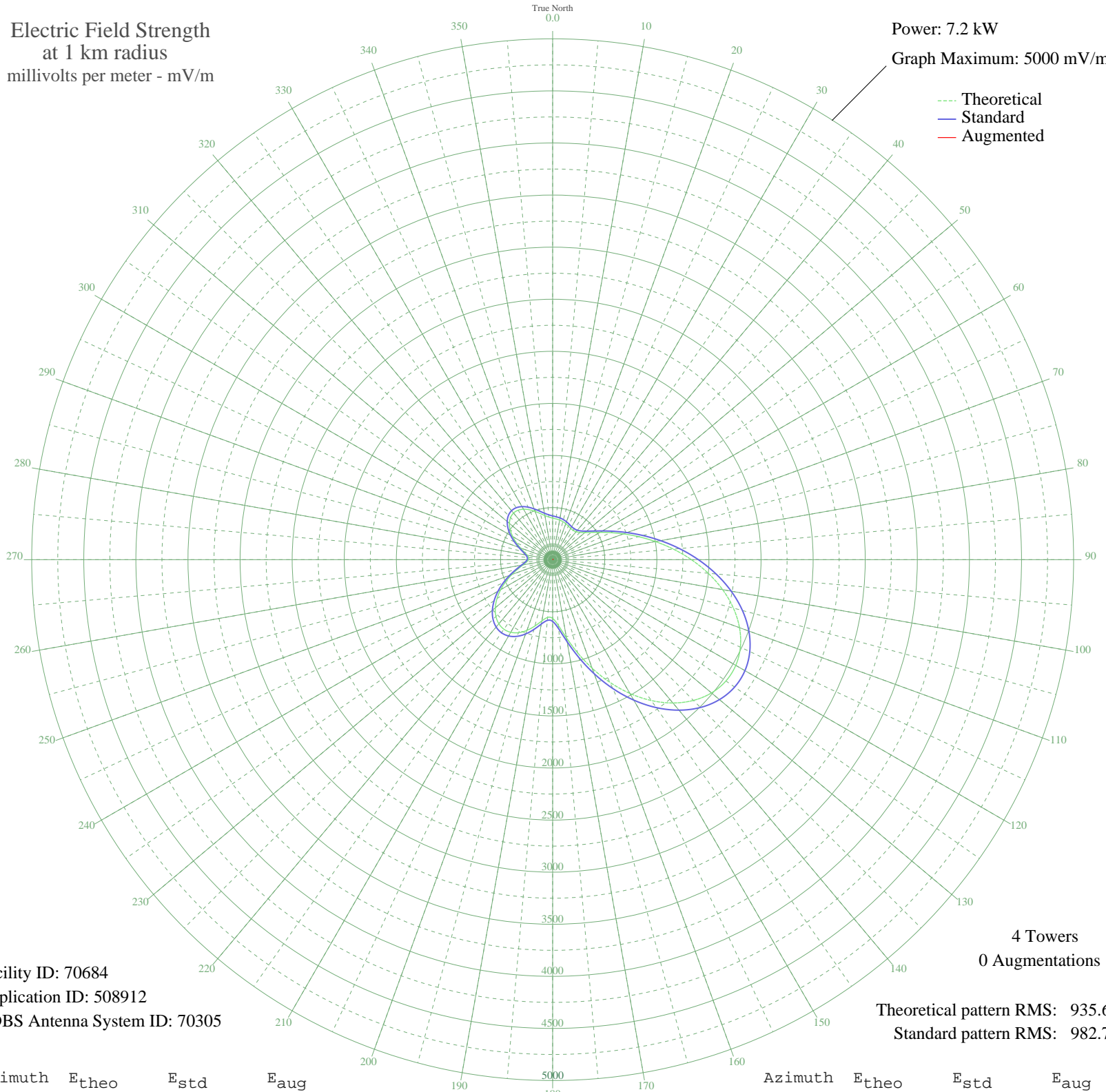
# WADO NEW YORK, NY BL-20000721AAV 1280 kHz

Nighttime

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

Power: 7.2 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 70684  
Application ID: 508912  
CDBS Antenna System ID: 70305

4 Towers  
0 Augmentations

Theoretical pattern RMS: 935.60  
Standard pattern RMS: 982.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	399.06	419.99	
5	392.11	412.70	
10	386.02	406.32	
15	378.12	398.05	
20	367.75	387.19	
25	356.30	375.20	
30	346.86	365.32	
35	343.50	361.80	
40	350.19	368.80	
45	369.93	389.47	
50	404.62	425.81	
55	455.69	479.33	
60	524.74	551.71	
65	613.49	644.80	
70	723.08	759.77	
75	853.15	896.26	
80	1001.29	1051.74	
85	1162.91	1221.39	
90	1331.45	1398.31	
95	1498.94	1574.15	
100	1656.66	1739.72	
105	1795.85	1885.86	
110	1908.51	2004.14	
115	1987.99	2087.58	
120	2029.49	2131.15	
125	2030.38	2132.09	
130	1990.26	2089.97	
135	1910.90	2006.64	
140	1796.00	1886.02	
145	1650.96	1733.74	
150	1482.59	1556.98	
155	1298.97	1364.21	
160	1109.53	1165.36	
165	925.55	972.25	
170	761.14	799.70	
175	634.23	666.55	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	563.67	592.54	
185	556.50	585.02	
190	597.21	627.72	
195	659.54	693.10	
200	722.39	759.05	
205	773.12	812.28	
210	805.06	845.80	
215	815.29	856.52	
220	803.25	843.89	
225	770.15	809.16	
230	718.56	755.03	
235	652.22	685.43	
240	575.90	605.36	
245	495.17	520.71	
250	416.20	437.94	
255	345.35	363.73	
260	288.44	304.21	
265	249.76	263.79	
270	230.85	244.06	
275	230.85	244.07	
280	248.24	262.21	
285	281.59	297.04	
290	328.39	345.99	
295	384.11	404.32	
300	442.55	465.55	
305	497.04	522.67	
310	541.49	569.28	
315	571.29	600.54	
320	583.92	613.78	
325	579.20	608.83	
330	559.37	588.03	
335	528.73	555.90	
340	493.05	518.49	
345	458.52	482.29	
350	430.23	452.64	
355	410.69	432.16	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission