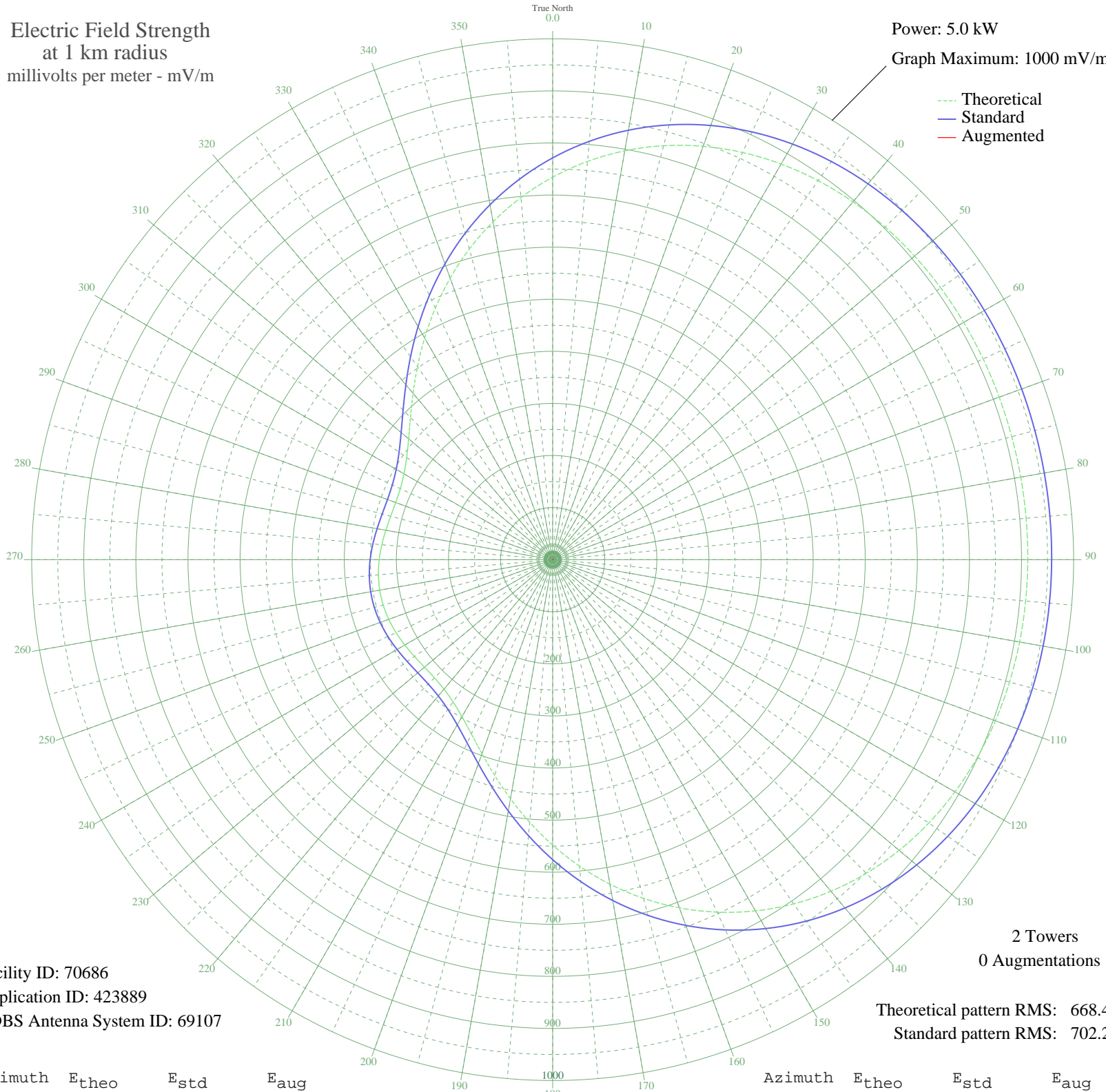


# WYEL MAYAGUEZ, PR BL-19991104ABQ 600 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 70686  
Application ID: 423889  
CDBS Antenna System ID: 69107

Theoretical pattern RMS: 668.40  
Standard pattern RMS: 702.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	734.31	771.38	
5	767.50	806.21	
10	797.04	837.22	
15	822.75	864.20	
20	844.56	887.10	
25	862.60	906.03	
30	877.08	921.23	
35	888.33	933.04	
40	896.75	941.88	
45	902.78	948.21	
50	906.88	952.51	
55	909.49	955.25	
60	911.01	956.85	
65	911.82	957.70	
70	912.19	958.08	
75	912.32	958.23	
80	912.34	958.24	
85	912.25	958.15	
90	911.99	957.88	
95	911.37	957.23	
100	910.14	955.94	
105	907.97	953.65	
110	904.46	949.97	
115	899.18	944.43	
120	891.67	936.54	
125	881.48	925.85	
130	868.21	911.92	
135	851.48	894.36	
140	831.04	872.91	
145	806.74	847.41	
150	778.57	817.83	
155	746.66	784.34	
160	711.32	747.26	
165	673.05	707.10	
170	632.50	664.54	
175	590.49	620.46	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	548.00	575.88	
185	506.13	531.96	
190	466.09	489.96	
195	429.14	451.21	
200	396.50	416.99	
205	369.23	388.41	
210	348.08	366.24	
215	333.30	350.75	
220	324.53	341.57	
225	320.89	337.76	
230	321.11	337.99	
235	323.81	340.81	
240	327.67	344.85	
245	331.61	348.98	
250	334.80	352.32	
255	336.69	354.31	
260	336.99	354.62	
265	335.65	353.22	
270	332.88	350.31	
275	329.13	346.38	
280	325.12	342.19	
285	321.87	338.78	
290	320.60	337.45	
295	322.69	339.64	
300	329.49	346.76	
305	342.03	359.90	
310	360.89	379.66	
315	386.02	406.00	
320	416.83	438.31	
325	452.37	475.57	
330	491.44	516.55	
335	532.79	559.93	
340	575.20	604.41	
345	617.50	648.80	
350	658.68	692.01	
355	697.86	733.12	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission