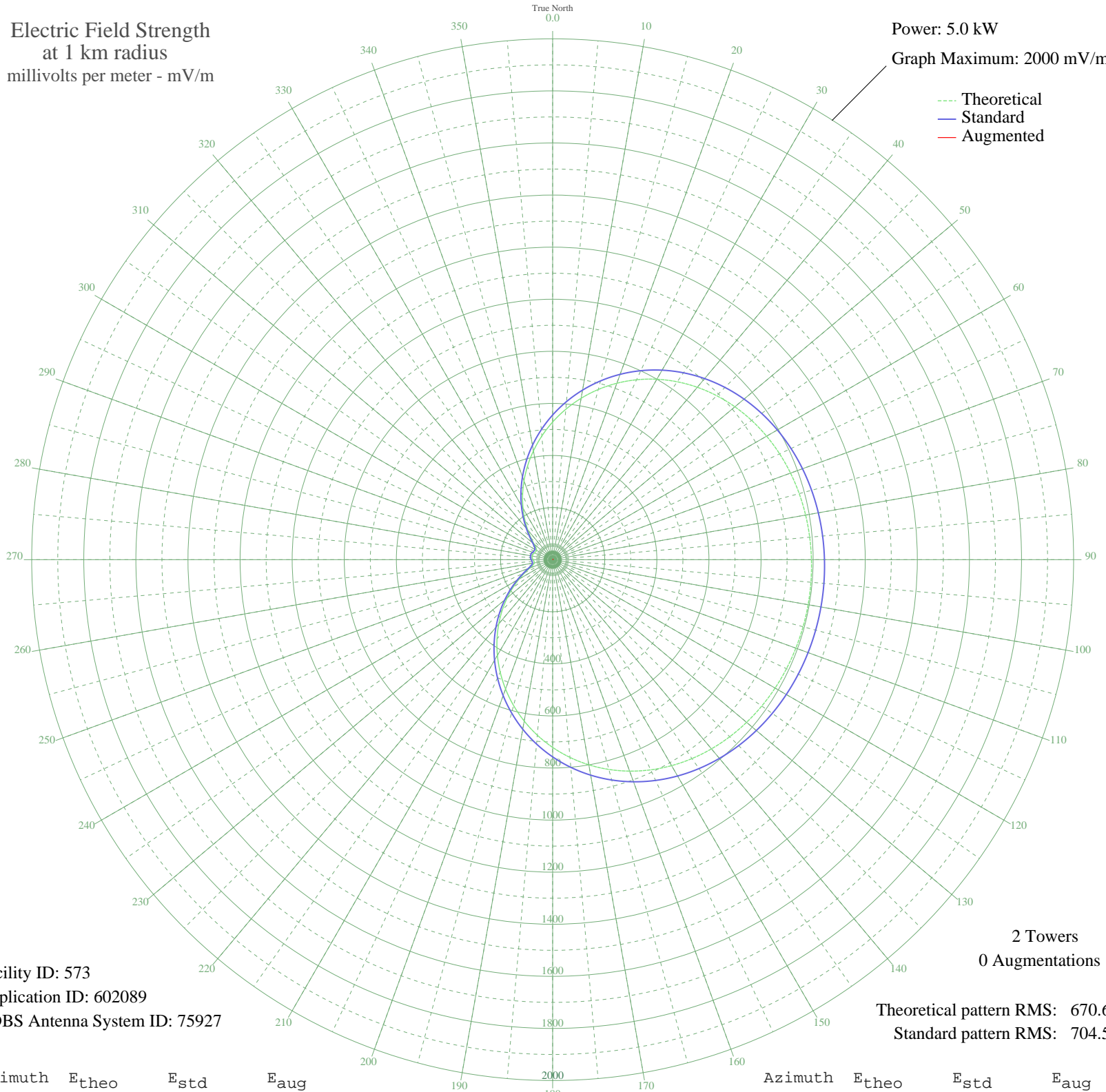


WQBS SAN JUAN, PR BL-20020425ACB 870 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 573  
Application ID: 602089  
CDBS Antenna System ID: 75927

Theoretical pattern RMS: 670.60  
Standard pattern RMS: 704.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	528.64	555.56	
5	579.75	609.19	
10	629.23	661.10	
15	676.45	710.66	
20	720.90	757.31	
25	762.15	800.60	
30	799.89	840.21	
35	833.91	875.92	
40	864.12	907.63	
45	890.52	935.35	
50	913.24	959.19	
55	932.45	979.36	
60	948.42	996.12	
65	961.45	1009.79	
70	971.85	1020.71	
75	979.96	1029.23	
80	986.11	1035.68	
85	990.56	1040.35	
90	993.56	1043.50	
95	995.28	1045.31	
100	995.85	1045.90	
105	995.28	1045.31	
110	993.56	1043.50	
115	990.56	1040.35	
120	986.11	1035.68	
125	979.96	1029.23	
130	971.85	1020.71	
135	961.45	1009.79	
140	948.42	996.12	
145	932.45	979.36	
150	913.24	959.19	
155	890.53	935.35	
160	864.12	907.63	
165	833.91	875.92	
170	799.89	840.21	
175	762.15	800.60	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	720.90	757.31	
185	676.45	710.66	
190	629.23	661.11	
195	579.75	609.20	
200	528.64	555.56	
205	476.54	500.92	
210	424.19	446.02	
215	372.34	391.66	
220	321.74	338.65	
225	273.20	287.82	
230	227.50	240.03	
235	185.51	196.20	
240	148.19	157.36	
245	116.73	124.79	
250	92.65	100.08	
255	77.48	84.68	
260	71.40	78.56	
265	71.91	79.08	
270	75.19	82.36	
275	78.21	85.41	
280	79.37	86.59	
285	78.21	85.41	
290	75.19	82.36	
295	71.91	79.08	
300	71.40	78.56	
305	77.48	84.68	
310	92.65	100.08	
315	116.73	124.79	
320	148.19	157.36	
325	185.51	196.19	
330	227.50	240.03	
335	273.20	287.82	
340	321.74	338.65	
345	372.34	391.66	
350	424.19	446.02	
355	476.54	500.92	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission