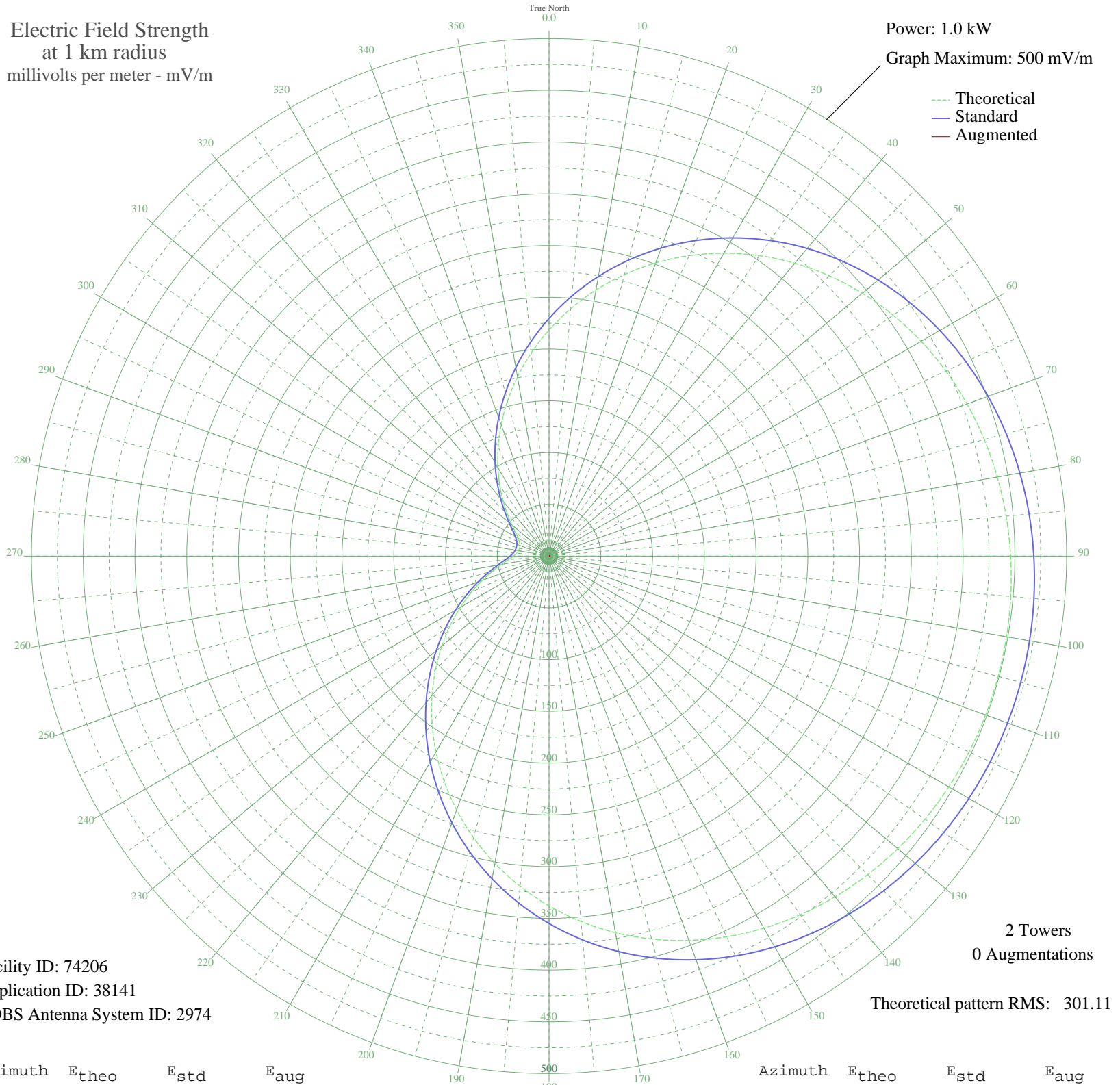


# WXEW YABUCOA, PR BL-19820120AG 840 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 74206  
Application ID: 38141  
CDBS Antenna System ID: 2974

2 Towers  
0 Augmentations

Theoretical pattern RMS: 301.11

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	218.47	229.64	
5	239.90	252.12	
10	261.03	274.29	
15	281.62	295.88	
20	301.42	316.67	
25	320.25	336.43	
30	337.94	354.99	
35	354.34	372.20	
40	369.37	387.98	
45	382.96	402.24	
50	395.10	414.99	
55	405.79	426.21	
60	415.09	435.97	
65	423.04	444.32	
70	429.74	451.35	
75	435.29	457.17	
80	439.77	461.87	
85	443.28	465.56	
90	445.91	468.32	
95	447.73	470.24	
100	448.80	471.36	
105	449.16	471.73	
110	448.80	471.36	
115	447.73	470.24	
120	445.91	468.32	
125	443.28	465.56	
130	439.77	461.87	
135	435.29	457.17	
140	429.74	451.35	
145	423.04	444.32	
150	415.09	435.97	
155	405.79	426.21	
160	395.10	414.99	
165	382.96	402.24	
170	369.37	387.98	
175	354.34	372.21	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	337.94	354.99	
185	320.25	336.43	
190	301.42	316.67	
195	281.62	295.88	
200	261.03	274.29	
205	239.90	252.12	
210	218.47	229.64	
215	197.01	207.13	
220	175.79	184.88	
225	155.08	163.18	
230	135.17	142.32	
235	116.32	122.58	
240	98.78	104.25	
245	82.82	87.60	
250	68.69	72.88	
255	56.61	60.36	
260	46.81	50.26	
265	39.42	42.70	
270	34.40	37.61	
275	31.42	34.62	
280	29.96	33.16	
285	29.53	32.74	
290	29.96	33.16	
295	31.42	34.62	
300	34.40	37.61	
305	39.42	42.70	
310	46.81	50.26	
315	56.61	60.36	
320	68.69	72.88	
325	82.82	87.60	
330	98.78	104.25	
335	116.32	122.58	
340	135.17	142.32	
345	155.08	163.18	
350	175.79	184.88	
355	197.01	207.13	

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