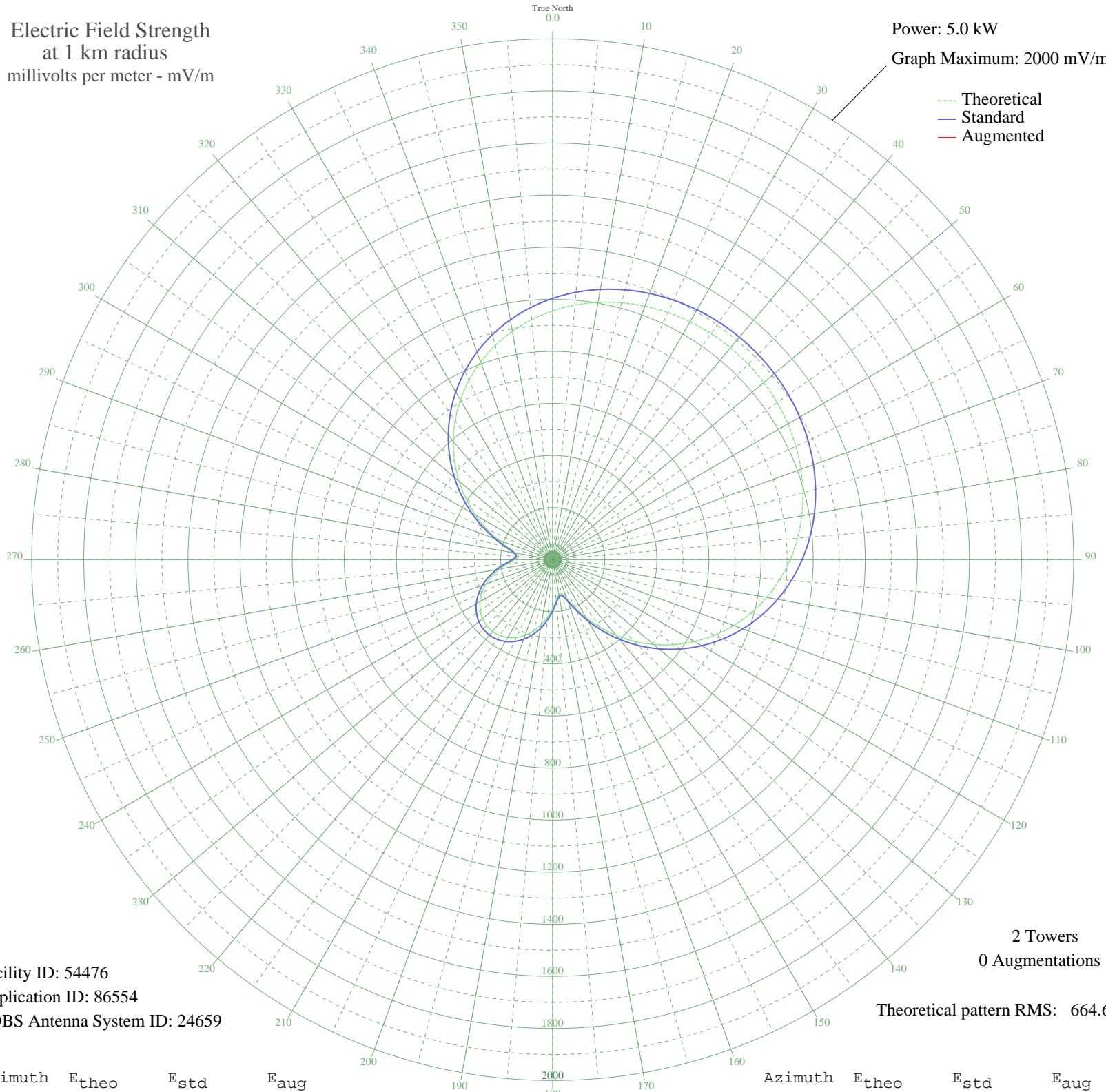


# WUNO SAN JUAN, PR BL-19860314AJ 630 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 54476  
Application ID: 86554  
CDBS Antenna System ID: 24659

2 Towers  
0 Augmentations

Theoretical pattern RMS: 664.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	955.31	1003.35	
5	981.24	1030.57	
10	1003.11	1053.53	
15	1021.15	1072.46	
20	1035.61	1087.65	
25	1046.74	1099.33	
30	1054.75	1107.74	
35	1059.81	1113.05	
40	1062.04	1115.38	
45	1061.48	1114.80	
50	1058.13	1111.29	
55	1051.91	1104.75	
60	1042.68	1095.06	
65	1030.24	1082.01	
70	1014.38	1065.35	
75	994.84	1044.84	
80	971.37	1020.21	
85	943.75	991.22	
90	911.79	957.67	
95	875.37	919.44	
100	834.45	876.49	
105	789.09	828.88	
110	739.47	776.80	
115	685.91	720.59	
120	628.84	660.70	
125	568.86	597.76	
130	506.67	532.53	
135	443.18	465.93	
140	379.44	399.10	
145	316.80	333.47	
150	257.11	270.99	
155	203.18	214.63	
160	159.85	169.47	
165	134.88	143.55	
170	134.78	143.45	
175	155.57	165.03	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	186.78	197.51	
185	220.77	233.00	
190	253.61	267.33	
195	283.29	298.38	
200	308.74	325.03	
205	329.35	346.62	
210	344.76	362.76	
215	354.76	373.23	
220	359.22	377.91	
225	358.10	376.74	
230	351.42	369.73	
235	339.24	356.97	
240	321.72	338.62	
245	299.12	314.95	
250	271.88	286.44	
255	240.77	253.90	
260	207.15	218.77	
265	173.63	183.82	
270	145.43	154.49	
275	131.81	140.38	
280	142.10	151.04	
285	175.47	185.74	
290	223.81	236.17	
295	280.49	295.45	
300	341.62	359.47	
305	404.88	425.78	
310	468.67	492.66	
315	531.76	558.84	
320	593.16	623.26	
325	652.06	685.06	
330	707.78	743.54	
335	759.81	798.15	
340	807.76	848.47	
345	851.36	894.23	
350	890.48	935.30	
355	925.11	971.65	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission