

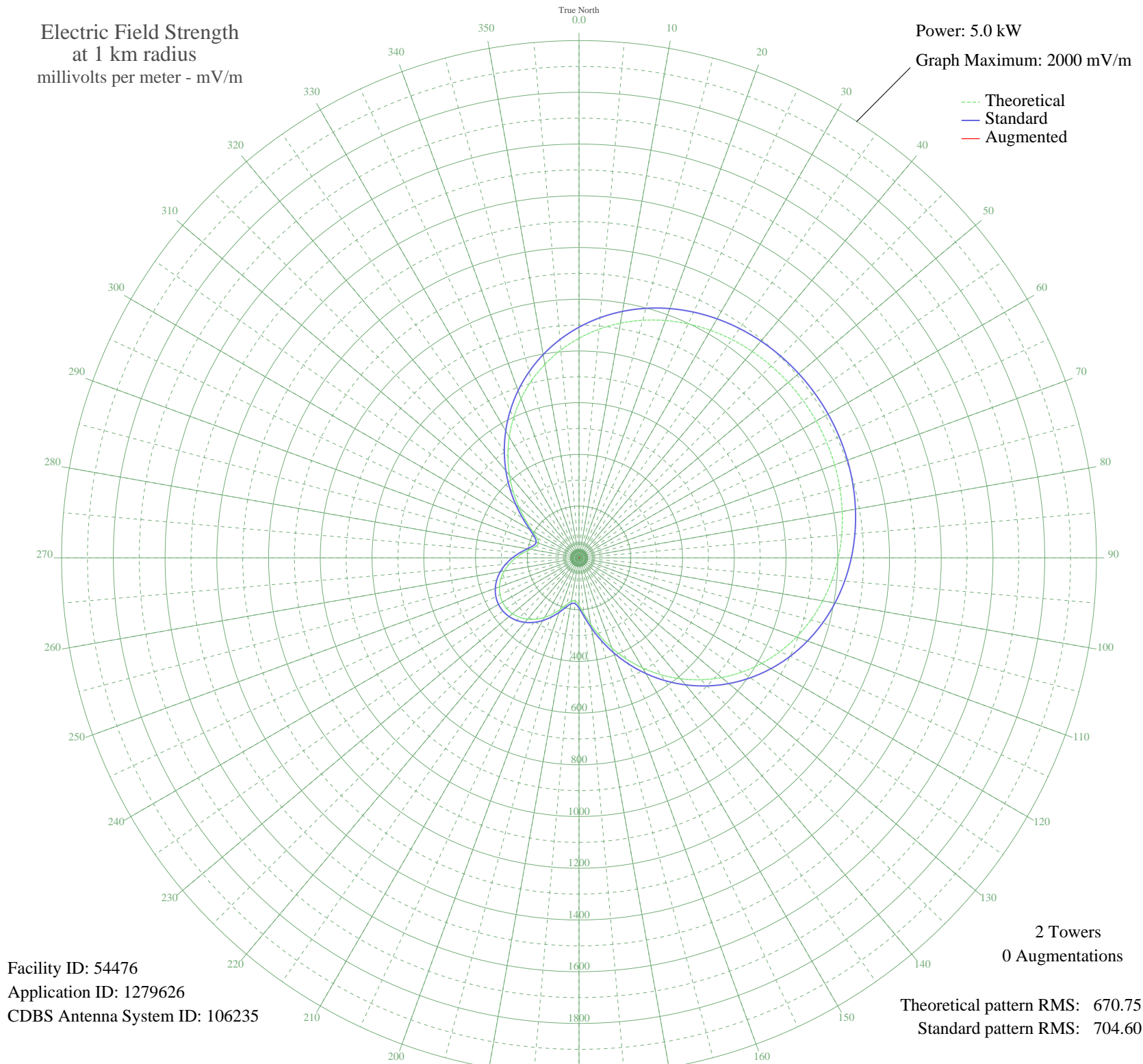
WUNO SAN JUAN, PR BP-20090121ADH 630 kHz

Daytime

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: 1279626  
CDBS Antenna System ID: 106235

2 Towers  
0 Augmentations

Theoretical pattern RMS: 670.75  
Standard pattern RMS: 704.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	849.16	891.92	
5	887.45	932.12	
10	921.40	967.76	
15	951.08	998.90	
20	976.61	1025.70	
25	998.19	1048.37	
30	1016.08	1067.14	
35	1030.52	1082.30	
40	1041.76	1094.10	
45	1050.03	1102.78	
50	1055.51	1108.54	
55	1058.35	1111.51	
60	1058.60	1111.78	
65	1056.29	1109.35	
70	1051.34	1104.16	
75	1043.64	1096.08	
80	1033.02	1084.92	
85	1019.24	1070.46	
90	1002.06	1052.42	
95	981.23	1030.56	
100	956.51	1004.61	
105	927.68	974.34	
110	894.59	939.61	
115	857.16	900.33	
120	815.42	856.51	
125	769.50	808.31	
130	719.65	756.00	
135	666.27	699.98	
140	609.90	640.82	
145	551.21	579.25	
150	491.06	516.15	
155	430.48	452.61	
160	370.72	389.97	
165	313.42	329.92	
170	260.75	274.80	
175	215.90	227.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	183.27	193.86	
185	167.57	177.51	
190	170.28	180.33	
195	187.23	197.99	
200	211.89	223.72	
205	239.02	252.07	
210	265.39	279.65	
215	289.11	304.47	
220	309.06	325.36	
225	324.59	341.63	
230	335.30	352.85	
235	340.97	358.79	
240	341.49	359.33	
245	336.85	354.47	
250	327.13	344.29	
255	312.54	329.00	
260	293.43	308.99	
265	270.39	284.88	
270	244.43	257.72	
275	217.24	229.31	
280	191.74	202.70	
285	172.74	182.89	
290	166.70	176.60	
295	178.65	189.05	
300	208.24	219.90	
305	251.04	264.63	
310	302.43	318.42	
315	359.01	377.69	
320	418.42	439.96	
325	478.95	503.44	
330	539.27	566.72	
335	598.32	628.67	
340	655.21	688.38	
345	709.24	745.07	
350	759.83	798.17	
355	806.57	847.22	

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