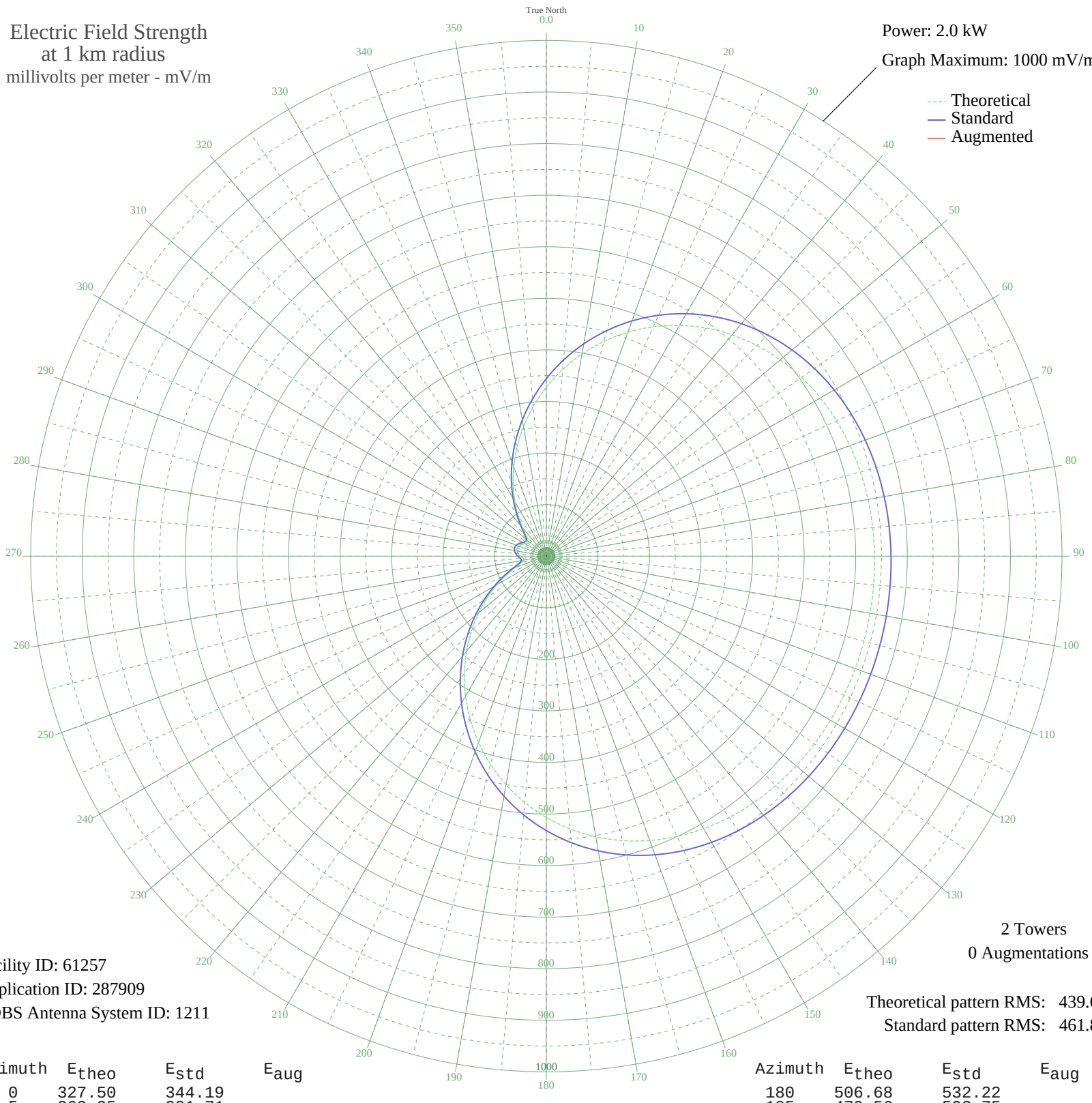
WENA YAUCO, PR BL-19990816DE 1330 kHz

Daytime

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



Power: 2.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 61257
Application ID: 287909
CDBS Antenna System ID: 1211

Theoretical pattern RMS: 439.64
Standard pattern RMS: 461.86

Azimuth	E_{theo}	E_{std}	E_{aug}
0	327.50	344.19	
5	363.25	381.71	
10	397.92	418.08	
15	430.99	452.78	
20	462.05	485.38	
25	490.72	515.47	
30	516.76	542.80	
35	539.96	567.15	
40	560.26	588.46	
45	577.65	606.71	
50	592.23	622.02	
55	604.16	634.55	
60	613.69	644.54	
65	621.07	652.30	
70	626.62	658.12	
75	630.63	662.33	
80	633.43	665.26	
85	635.28	667.21	
90	636.44	668.43	
95	637.12	669.14	
100	637.45	669.48	
105	637.52	669.56	
110	637.35	669.38	
115	636.90	668.91	
120	636.05	668.02	
125	634.64	666.53	
130	632.44	664.23	
135	629.19	660.82	
140	624.60	656.00	
145	618.36	649.45	
150	610.15	640.83	
155	599.69	629.85	
160	586.72	616.24	
165	571.03	599.77	
170	552.49	580.30	
175	531.03	557.77	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	506.68	532.22	
185	479.56	503.75	
190	449.89	472.62	
195	417.98	439.13	
200	384.22	403.70	
205	349.05	366.81	
210	313.00	328.99	
215	276.62	290.83	
220	240.48	252.94	
225	205.17	215.94	
230	171.30	180.47	
235	139.48	147.21	
240	110.42	116.89	
245	84.97	90.44	
250	64.36	69.19	
255	50.39	54.95	
260	44.61	49.14	
265	45.91	50.44	
270	50.50	55.06	
275	55.17	59.80	
280	58.24	62.92	
285	58.98	63.68	
290	57.26	61.93	
295	53.43	58.03	
300	48.51	53.05	
305	44.76	49.29	
310	45.92	50.45	
315	55.05	59.68	
320	71.92	76.96	
325	94.65	100.48	
330	121.67	128.61	
335	151.92	160.21	
340	184.64	194.44	
345	219.16	230.59	
350	254.87	268.03	
355	291.18	306.10	

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