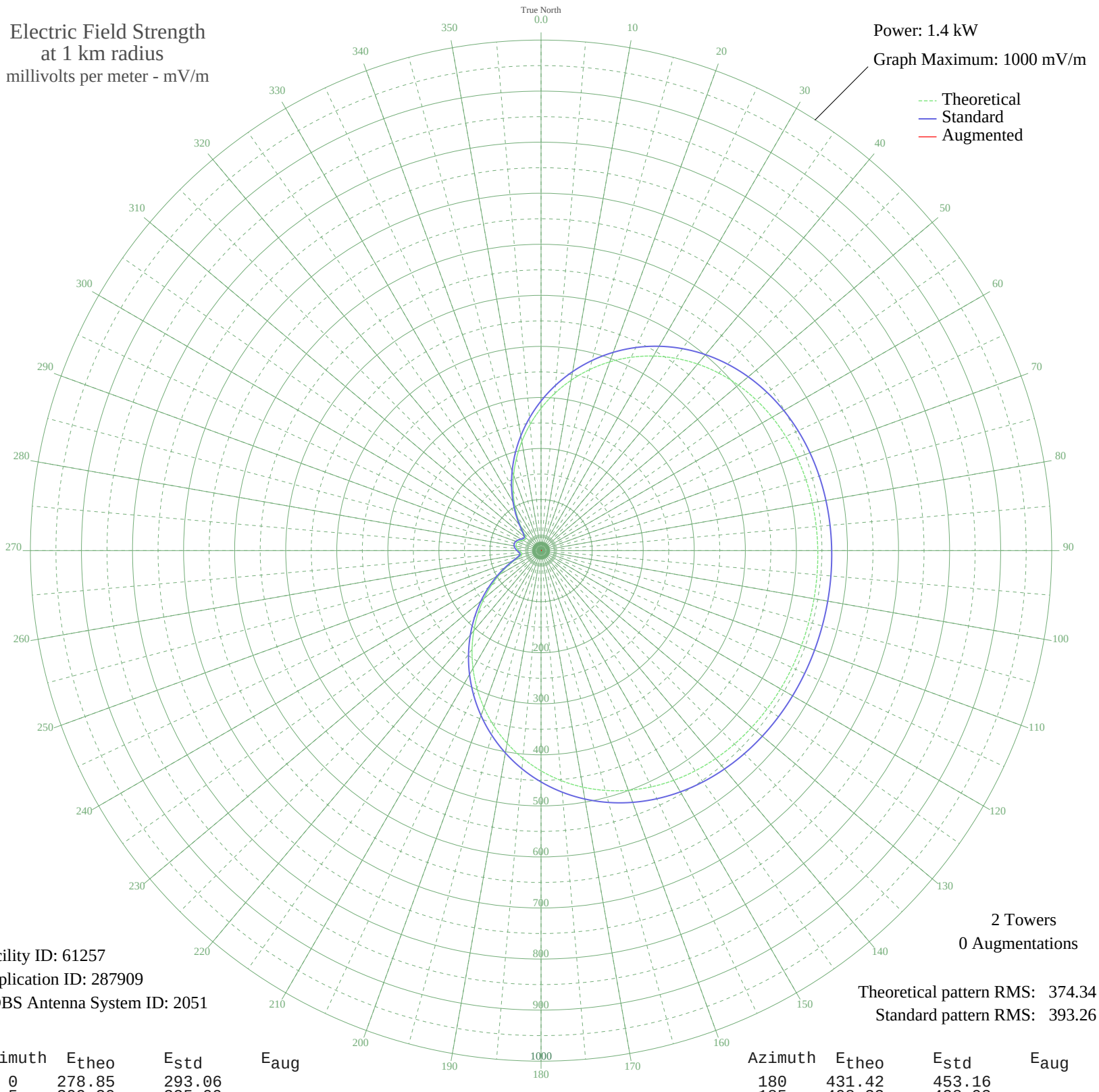
WENA YAUCO, PR BL-19990816DE 1330 kHz

Nighttime

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



Power: 1.4 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 61257
Application ID: 287909
CDBS Antenna System ID: 2051

Theoretical pattern RMS: 374.34
Standard pattern RMS: 393.26

Azimuth	E_{theo}	E_{std}	E_{aug}
0	278.85	293.06	
5	309.30	325.00	
10	338.81	355.97	
15	366.98	385.52	
20	393.42	413.28	
25	417.84	438.90	
30	440.00	462.17	
35	459.76	482.91	
40	477.04	501.05	
45	491.85	516.59	
50	504.26	529.62	
55	514.43	540.29	
60	522.54	548.81	
65	528.82	555.40	
70	533.55	560.36	
75	536.97	563.95	
80	539.34	566.45	
85	540.92	568.11	
90	541.91	569.14	
95	542.49	569.75	
100	542.77	570.04	
105	542.83	570.10	
110	542.68	569.95	
115	542.30	569.55	
120	541.58	568.79	
125	540.37	567.53	
130	538.50	565.56	
135	535.74	562.66	
140	531.83	558.56	
145	526.51	552.98	
150	519.53	545.64	
155	510.62	536.30	
160	499.58	524.70	
165	486.22	510.68	
170	470.43	494.10	
175	452.15	474.92	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	431.42	453.16	
185	408.33	428.93	
190	383.07	402.41	
195	355.90	373.90	
200	327.15	343.73	
205	297.21	312.32	
210	266.51	280.12	
215	235.53	247.62	
220	204.76	215.36	
225	174.70	183.85	
230	145.85	153.65	
235	118.77	125.32	
240	94.02	99.50	
245	72.35	76.97	
250	54.80	58.87	
255	42.90	46.73	
260	37.99	41.78	
265	39.09	42.88	
270	43.00	46.83	
275	46.98	50.87	
280	49.59	53.53	
285	50.22	54.17	
290	48.76	52.68	
295	45.49	49.36	
300	41.30	45.11	
305	38.12	41.91	
310	39.10	42.90	
315	46.87	50.76	
320	61.24	65.49	
325	80.59	85.53	
330	103.59	109.48	
335	129.36	136.39	
340	157.21	165.54	
345	186.61	196.33	
350	217.01	228.20	
355	247.93	260.62	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission