

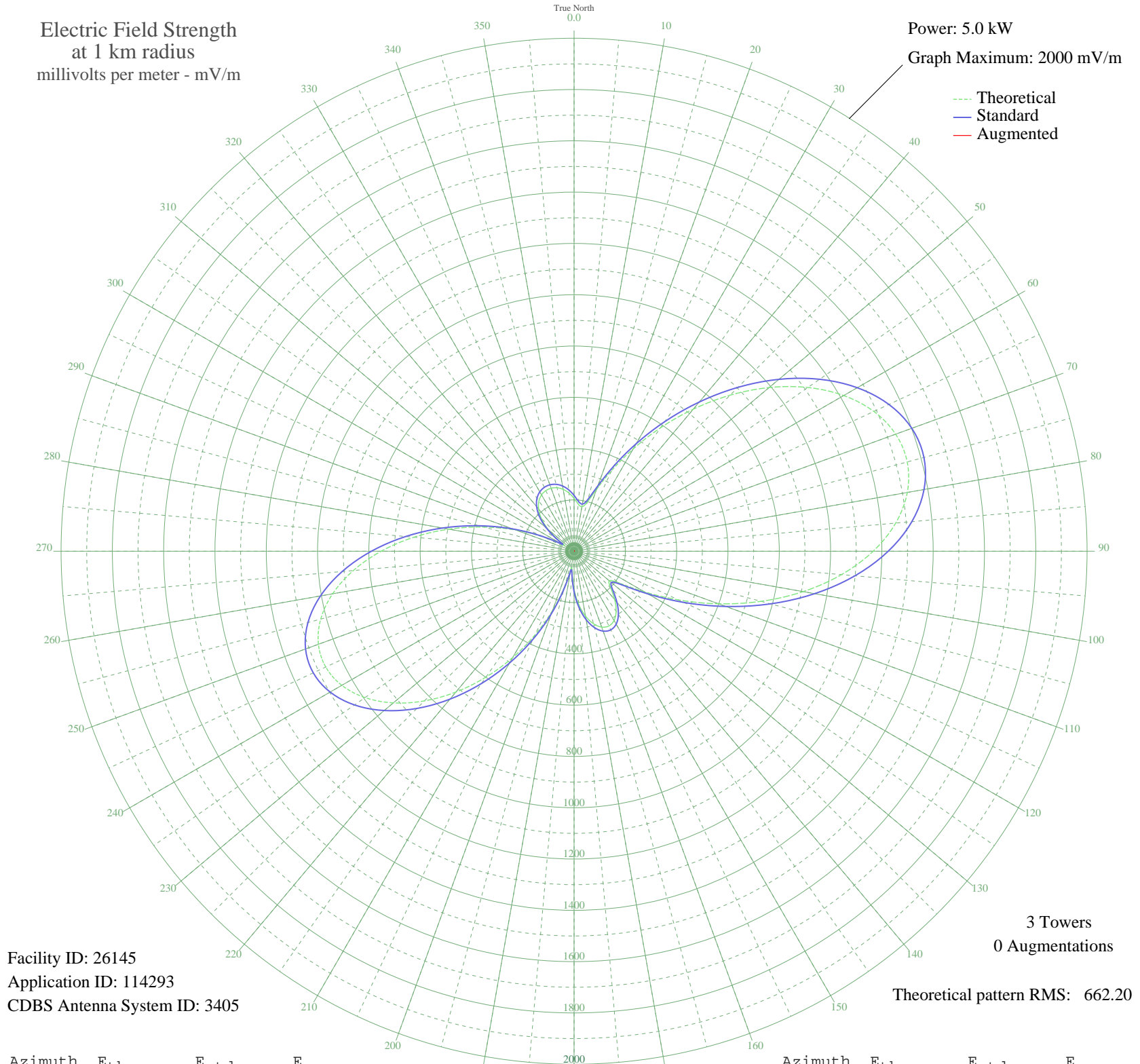
WTWD PLANT CITY, FL BL-19880622AE 910 kHz

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: 26145  
Application ID: 114293  
CDBS Antenna System ID: 3405

3 Towers  
0 Augmentations

Theoretical pattern RMS: 662.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	205.91	217.49	
5	184.64	195.31	
10	176.12	186.42	
15	197.87	209.10	
20	257.29	271.18	
25	347.68	365.83	
30	460.06	483.64	
35	587.24	617.05	
40	722.79	759.30	
45	860.22	903.54	
50	992.63	1042.52	
55	1112.88	1168.77	
60	1213.98	1274.89	
65	1289.51	1354.20	
70	1334.27	1401.18	
75	1344.69	1412.12	
80	1319.26	1385.43	
85	1258.75	1321.90	
90	1166.19	1224.72	
95	1046.64	1099.23	
100	906.87	952.51	
105	754.80	792.89	
110	599.13	629.52	
115	449.25	472.31	
120	316.37	333.02	
125	217.54	229.64	
130	178.90	189.32	
135	201.68	213.07	
140	246.29	259.68	
145	286.01	301.24	
150	311.81	328.25	
155	321.39	338.29	
160	314.80	331.39	
165	292.91	308.46	
170	256.86	270.73	
175	207.98	219.65	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	148.47	157.67	
185	86.13	93.46	
190	70.98	78.18	
195	144.53	153.58	
200	246.50	259.89	
205	359.69	378.42	
210	478.78	503.27	
215	599.35	629.76	
220	716.62	752.82	
225	825.31	866.89	
230	919.88	966.16	
235	994.91	1044.93	
240	1045.61	1098.14	
245	1068.26	1121.92	
250	1060.71	1113.99	
255	1022.67	1074.06	
260	955.86	1003.93	
265	863.94	907.44	
270	752.18	790.14	
275	627.01	658.78	
280	495.43	520.74	
285	364.41	383.36	
290	240.42	253.55	
295	129.82	138.34	
300	48.47	56.10	
305	72.79	79.99	
310	131.96	140.56	
315	179.97	190.43	
320	215.06	227.05	
325	238.89	251.94	
330	253.50	267.21	
335	260.63	274.67	
340	261.37	275.45	
345	256.14	269.98	
350	244.87	258.20	
355	227.66	240.21	