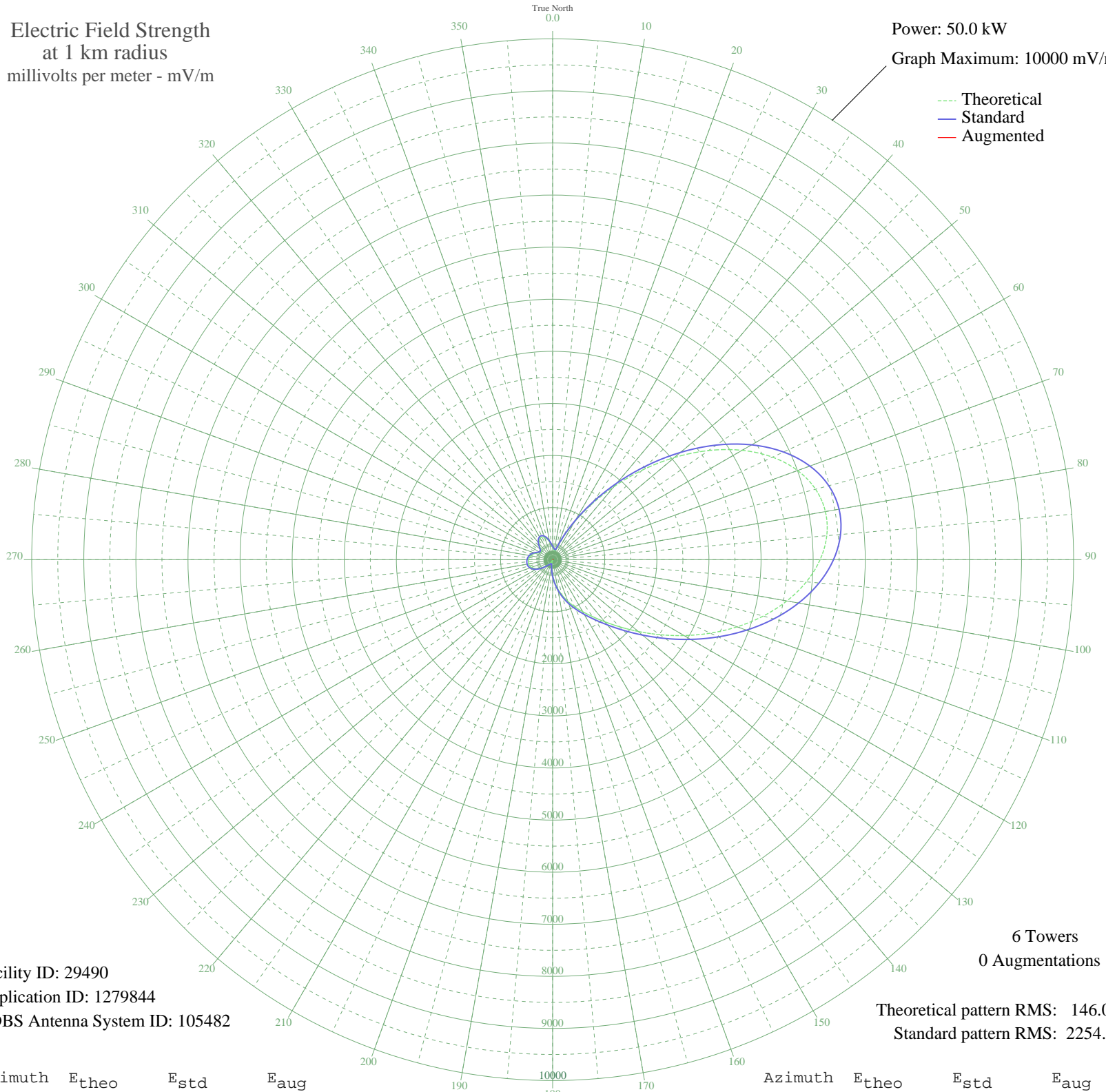


WFTL WEST PALM BEACH, FL BMP-20031024AAV 850 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 29490
Application ID: 1279844
CDBS Antenna System ID: 105482

6 Towers
0 Augmentations

Theoretical pattern RMS: 146.00
Standard pattern RMS: 2254.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	233.91	256.58	
5	204.47	227.16	
10	182.66	205.66	
15	171.89	195.16	
20	251.90	274.72	
25	476.89	506.21	
30	827.66	872.21	
35	1285.65	1351.97	
40	1829.38	1922.28	
45	2429.50	2552.05	
50	3050.08	3203.45	
55	3652.28	3835.62	
60	4198.67	4409.23	
65	4657.19	4890.61	
70	5004.05	5254.78	
75	5225.22	5486.98	
80	5316.43	5582.75	
85	5282.22	5546.82	
90	5134.06	5391.28	
95	4888.47	5133.44	
100	4565.05	4793.88	
105	4184.88	4394.75	
110	3769.34	3958.51	
115	3339.20	3506.95	
120	2913.88	3060.47	
125	2510.77	2637.35	
130	2144.29	2252.73	
135	1824.56	1917.22	
140	1555.77	1635.25	
145	1334.99	1403.70	
150	1152.54	1212.44	
155	994.94	1047.32	
160	849.34	894.89	
165	707.23	746.29	
170	565.93	598.84	
175	427.95	455.44	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	299.06	322.67	
185	185.92	208.86	
190	93.88	123.40	
195	25.51	78.93	
200	20.72	77.37	
205	48.26	89.89	
210	65.25	101.02	
215	82.57	114.14	
220	111.51	138.64	
225	156.78	180.58	
230	215.30	237.95	
235	280.05	303.28	
240	342.79	367.51	
245	396.13	422.51	
250	435.25	463.00	
255	458.87	487.51	
260	469.03	498.04	
265	469.38	498.41	
270	462.92	491.70	
275	450.12	478.42	
280	429.10	456.64	
285	397.62	424.05	
290	355.89	380.99	
295	309.50	333.34	
300	271.94	295.03	
305	262.48	285.43	
310	290.34	313.77	
315	343.08	367.80	
320	400.83	427.37	
325	448.36	476.59	
330	476.01	505.29	
335	478.57	507.95	
340	454.86	483.34	
345	408.05	434.84	
350	346.31	371.13	
355	283.09	306.38	

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