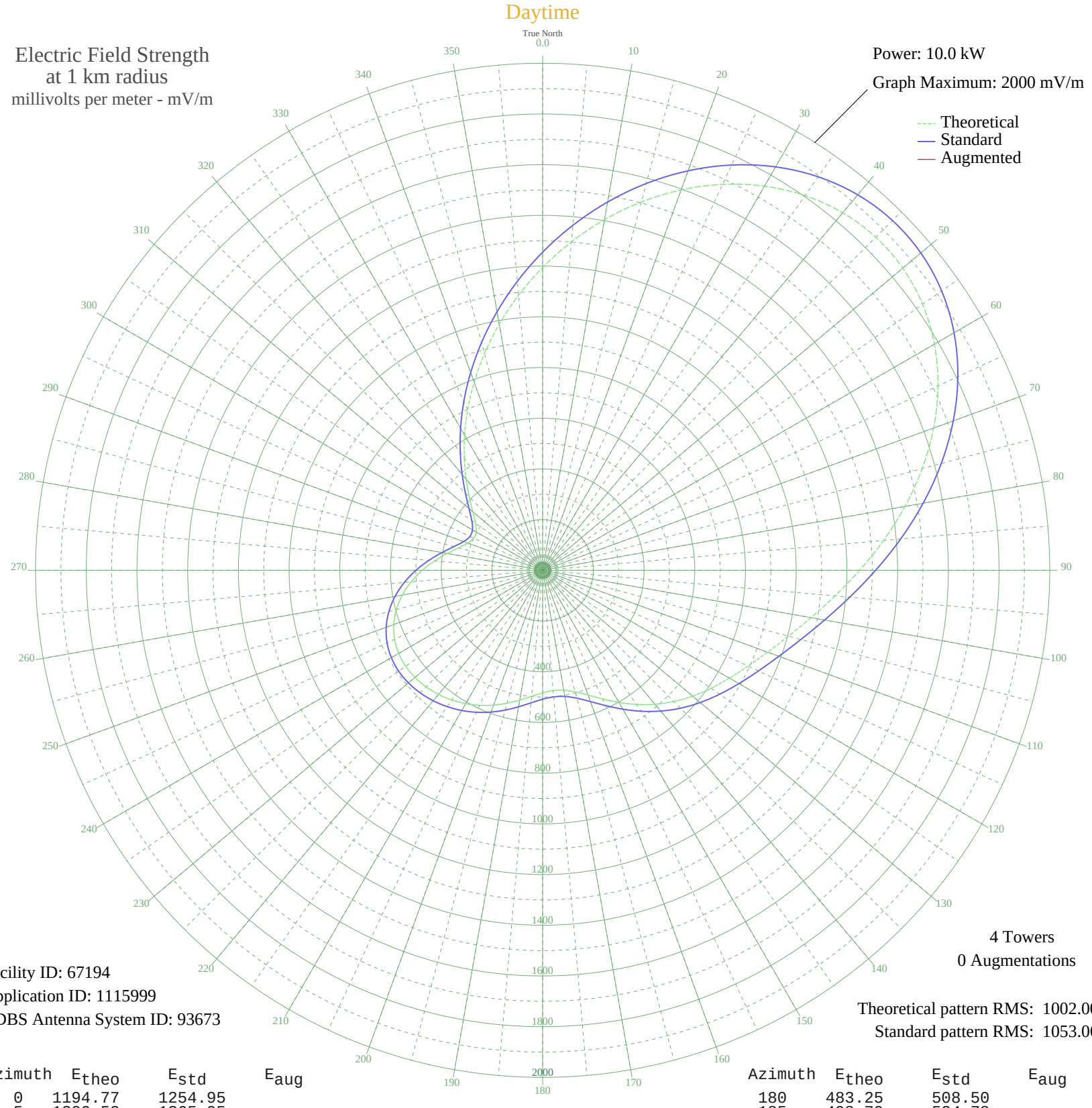
WSRF FORT LAUDERDALE, FL BMP-20060227ABS 1580 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 67194
Application ID: 1115999
CDBS Antenna System ID: 93673

Theoretical pattern RMS: 1002.00
Standard pattern RMS: 1053.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1194.77	1254.95	
5	1300.52	1365.95	
10	1404.43	1475.03	
15	1504.08	1579.63	
20	1596.76	1676.93	
25	1679.61	1763.90	
30	1749.72	1837.51	
35	1804.35	1894.86	
40	1841.10	1933.44	
45	1858.13	1951.31	
50	1854.30	1947.30	
55	1829.40	1921.16	
60	1784.19	1873.69	
65	1720.46	1806.79	
70	1641.04	1723.42	
75	1549.69	1627.51	
80	1450.84	1523.74	
85	1349.37	1417.23	
90	1250.14	1313.06	
95	1157.50	1215.83	
100	1074.74	1128.96	
105	1003.55	1054.25	
110	943.84	991.59	
115	893.82	939.09	
120	850.58	893.73	
125	810.91	852.10	
130	771.93	811.21	
135	731.71	769.01	
140	689.43	724.67	
145	645.51	678.60	
150	601.48	632.43	
155	559.83	588.76	
160	523.70	550.89	
165	496.32	522.19	
170	480.17	505.27	
175	476.17	501.08	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	483.25	508.50	
185	498.79	524.78	
190	519.57	546.56	
195	542.63	570.73	
200	565.73	594.95	
205	587.48	617.74	
210	607.12	638.34	
215	624.31	656.36	
220	638.75	671.51	
225	649.98	683.28	
230	657.22	690.88	
235	659.41	693.18	
240	655.36	688.93	
245	643.98	677.00	
250	624.58	656.64	
255	597.00	627.73	
260	561.86	590.88	
265	520.46	547.49	
270	474.88	499.73	
275	427.85	450.46	
280	382.69	403.20	
285	343.37	362.07	
290	314.30	331.68	
295	299.77	316.50	
300	302.65	319.51	
305	323.25	341.04	
310	359.63	379.06	
315	409.07	430.80	
320	469.23	493.81	
325	538.45	566.35	
330	615.54	647.16	
335	699.61	735.34	
340	789.88	830.04	
345	885.56	930.43	
350	985.73	1035.55	
355	1089.26	1144.21	