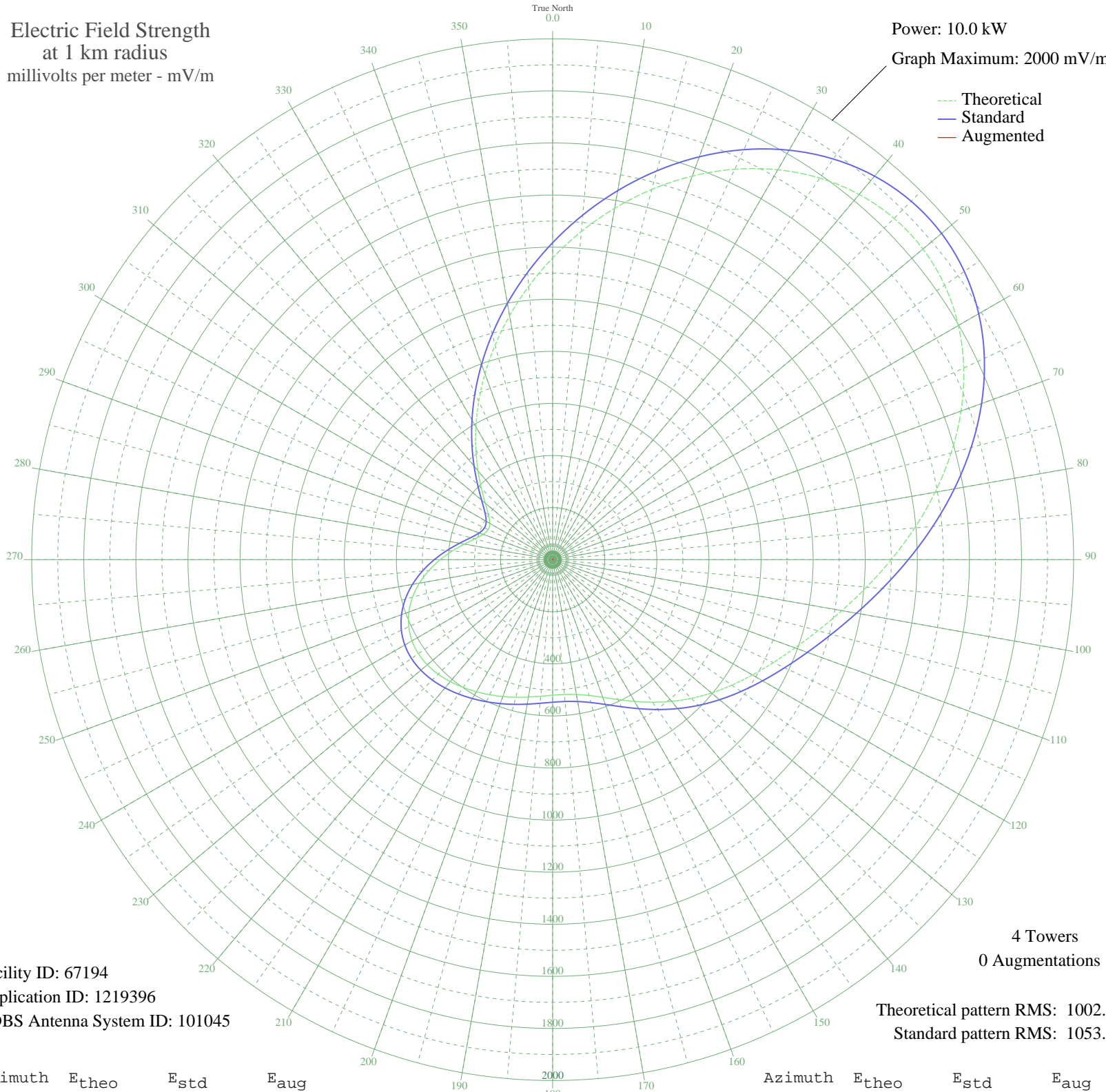


WSRF FORT LAUDERDALE, FL BMP-20071113AFR 1580 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 67194  
Application ID: 1219396  
CDBS Antenna System ID: 101045

Theoretical pattern RMS: 1002.00  
Standard pattern RMS: 1053.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1158.74	1217.13	
5	1264.81	1328.47	
10	1369.96	1438.84	
15	1471.77	1545.72	
20	1567.50	1646.21	
25	1654.17	1737.20	
30	1728.78	1815.52	
35	1788.46	1878.18	
40	1830.69	1922.51	
45	1853.54	1946.49	
50	1855.80	1948.87	
55	1837.20	1929.35	
60	1798.46	1888.68	
65	1741.34	1828.71	
70	1668.56	1752.31	
75	1583.72	1663.24	
80	1491.02	1565.92	
85	1394.95	1465.07	
90	1299.92	1365.32	
95	1209.79	1270.71	
100	1127.41	1184.24	
105	1054.31	1107.52	
110	990.56	1040.62	
115	934.96	982.27	
120	885.48	930.35	
125	839.86	882.48	
130	796.13	836.60	
135	753.05	791.40	
140	710.24	746.49	
145	668.26	702.46	
150	628.42	660.67	
155	592.52	623.04	
160	562.53	591.59	
165	540.04	568.01	
170	525.84	553.13	
175	519.70	546.69	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	520.42	547.45	
185	526.29	553.60	
190	535.55	563.31	
195	546.83	575.13	
200	559.23	588.13	
205	572.28	601.81	
210	585.68	615.86	
215	598.97	629.80	
220	611.37	642.80	
225	621.64	653.56	
230	628.17	660.41	
235	629.26	661.56	
240	623.39	655.41	
245	609.49	640.83	
250	587.15	617.40	
255	556.72	585.50	
260	519.35	546.32	
265	476.83	501.77	
270	431.53	454.33	
275	386.27	406.94	
280	344.19	362.93	
285	308.84	325.97	
290	283.99	300.04	
295	273.24	288.82	
300	278.87	294.69	
305	300.94	317.72	
310	337.66	356.10	
315	386.66	407.35	
320	445.84	469.31	
325	513.67	540.37	
330	589.04	619.38	
335	671.14	705.48	
340	759.33	797.99	
345	853.00	896.26	
350	951.44	999.56	
355	1053.76	1106.94	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission