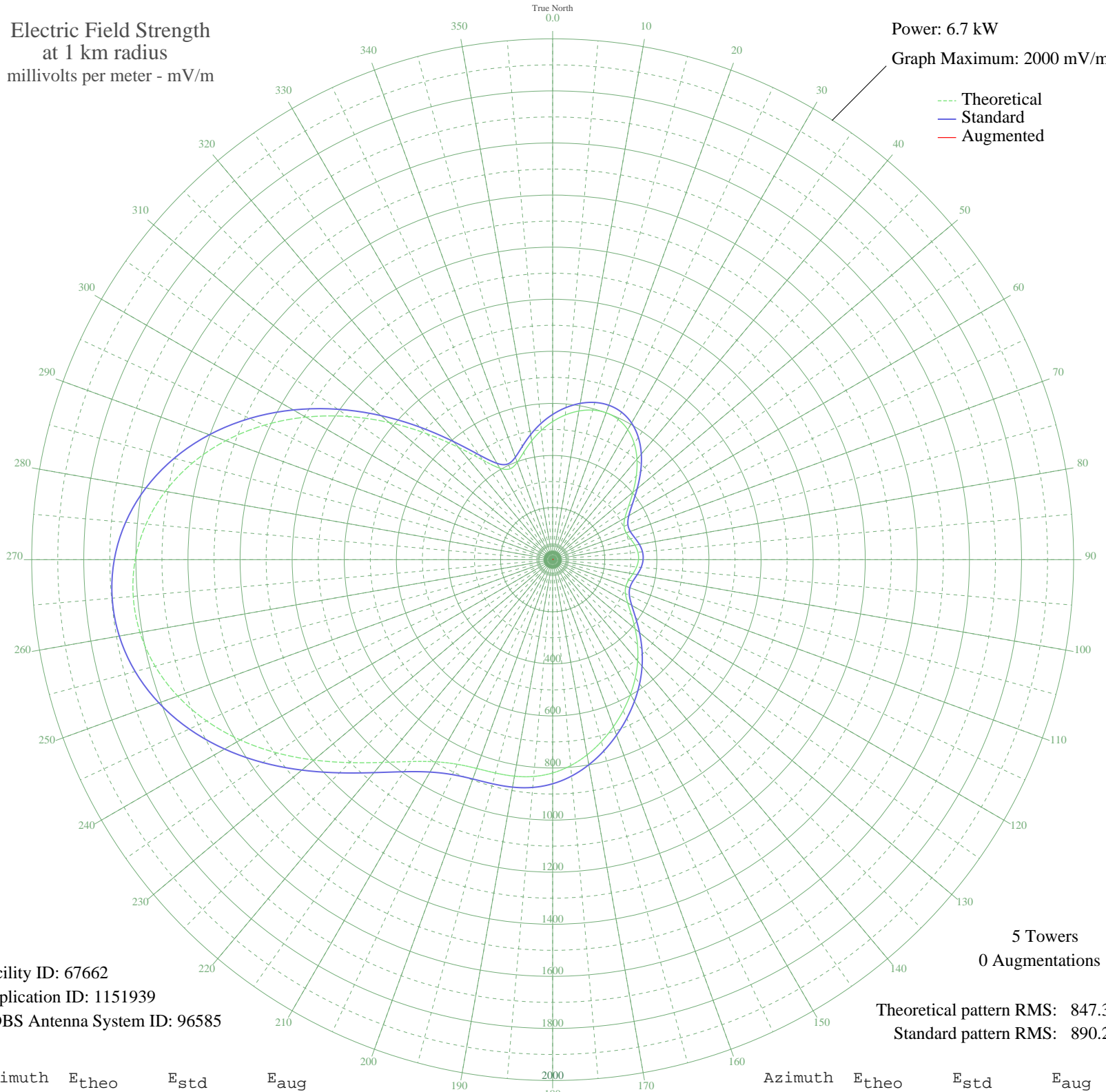


WAVL APOLLO, PA BMJP-20051031AAB 1360 kHz

Daytime

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

Power: 6.7 kW
Graph Maximum: 2000 mV/m



Facility ID: 67662
Application ID: 1151939
CDBS Antenna System ID: 96585

5 Towers
0 Augmentations

Theoretical pattern RMS: 847.30
Standard pattern RMS: 890.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	530.22	557.53	
5	557.60	586.24	
10	579.59	609.30	
15	594.53	624.97	
20	600.25	630.96	
25	594.65	625.09	
30	576.39	605.94	
35	545.45	573.49	
40	503.47	529.48	
45	453.97	477.60	
50	402.30	423.47	
55	355.32	374.27	
60	320.29	337.62	
65	302.20	318.71	
70	300.55	316.98	
75	309.30	326.13	
80	320.66	338.01	
85	328.47	346.18	
90	329.50	347.26	
95	323.44	340.92	
100	312.76	329.74	
105	302.43	318.95	
110	299.04	315.40	
115	308.38	325.17	
120	332.58	350.48	
125	369.20	388.81	
130	413.45	435.14	
135	460.69	484.64	
140	507.81	534.03	
145	553.39	581.83	
150	597.37	627.94	
155	640.26	672.93	
160	682.39	717.13	
165	723.20	759.95	
170	761.11	799.73	
175	793.81	834.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	819.07	860.54	
185	835.64	877.93	
190	844.26	886.97	
195	848.14	891.05	
200	853.16	896.31	
205	866.84	910.67	
210	896.43	941.73	
215	946.30	994.06	
220	1016.30	1067.53	
225	1102.10	1157.59	
230	1196.92	1257.12	
235	1293.38	1358.38	
240	1384.78	1454.32	
245	1465.61	1539.18	
250	1531.69	1608.55	
255	1580.06	1659.33	
260	1608.72	1689.42	
265	1616.44	1697.53	
270	1602.59	1682.99	
275	1567.00	1645.62	
280	1509.95	1585.73	
285	1432.27	1504.18	
290	1335.44	1402.53	
295	1221.78	1283.22	
300	1094.62	1149.73	
305	958.46	1006.83	
310	819.19	860.67	
315	684.23	719.06	
320	562.87	591.76	
325	466.27	490.50	
330	405.56	426.88	
335	385.29	405.65	
340	397.61	418.56	
345	427.69	450.07	
350	463.46	487.55	
355	498.50	524.27	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission