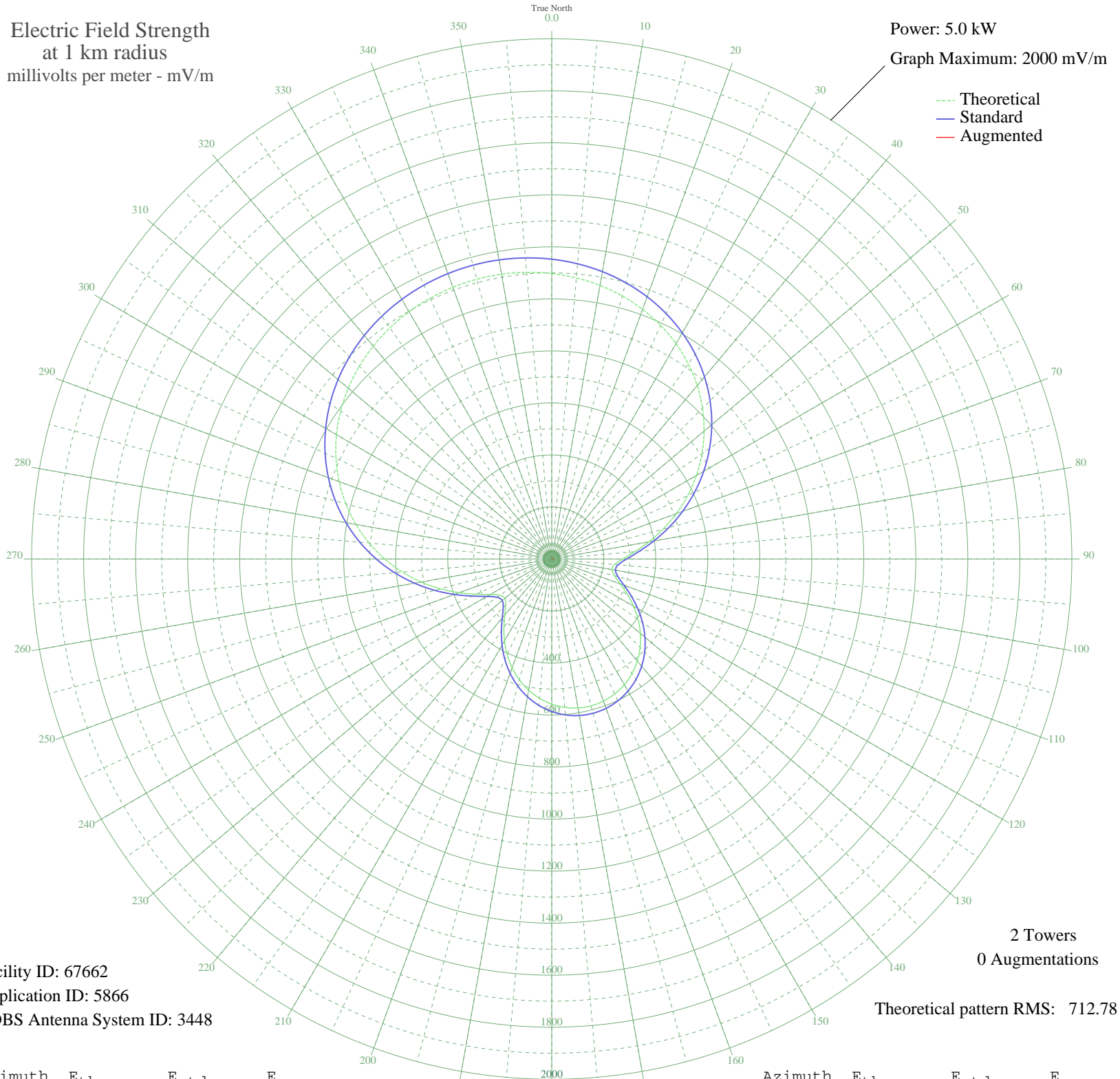


# WAVL APOLLO, PA BL-19781116AB 910 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 67662  
Application ID: 5866  
CDBS Antenna System ID: 3448

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 712.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1097.46	1152.59	
5	1084.74	1139.23	
10	1067.99	1121.64	
15	1046.96	1099.58	
20	1021.41	1072.76	
25	991.10	1040.94	
30	955.83	1003.92	
35	915.49	961.57	
40	870.06	913.88	
45	819.65	860.97	
50	764.54	803.13	
55	705.18	740.83	
60	642.24	674.78	
65	576.64	605.96	
70	509.64	535.67	
75	442.90	465.68	
80	378.77	398.44	
85	320.60	337.49	
90	273.28	287.96	
95	243.15	256.45	
100	235.55	248.50	
105	250.26	263.88	
110	281.09	296.13	
115	320.57	337.47	
120	363.16	382.08	
125	405.32	426.27	
130	444.93	467.80	
135	480.66	505.28	
140	511.71	537.84	
145	537.56	564.96	
150	557.90	586.29	
155	572.53	601.64	
160	581.35	610.89	
165	584.29	613.98	
170	581.35	610.89	
175	572.53	601.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	557.90	586.29	
185	537.56	564.96	
190	511.71	537.84	
195	480.66	505.28	
200	444.93	467.80	
205	405.32	426.27	
210	363.16	382.08	
215	320.57	337.47	
220	281.09	296.13	
225	250.26	263.88	
230	235.55	248.50	
235	243.15	256.45	
240	273.28	287.96	
245	320.60	337.49	
250	378.77	398.44	
255	442.90	465.68	
260	509.64	535.67	
265	576.64	605.96	
270	642.24	674.78	
275	705.18	740.83	
280	764.54	803.13	
285	819.65	860.97	
290	870.06	913.88	
295	915.49	961.57	
300	955.83	1003.92	
305	991.10	1040.94	
310	1021.41	1072.76	
315	1046.96	1099.58	
320	1067.99	1121.64	
325	1084.74	1139.23	
330	1097.46	1152.59	
335	1106.38	1161.95	
340	1111.67	1167.50	
345	1113.41	1169.33	
350	1111.67	1167.50	
355	1106.38	1161.95	

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 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission