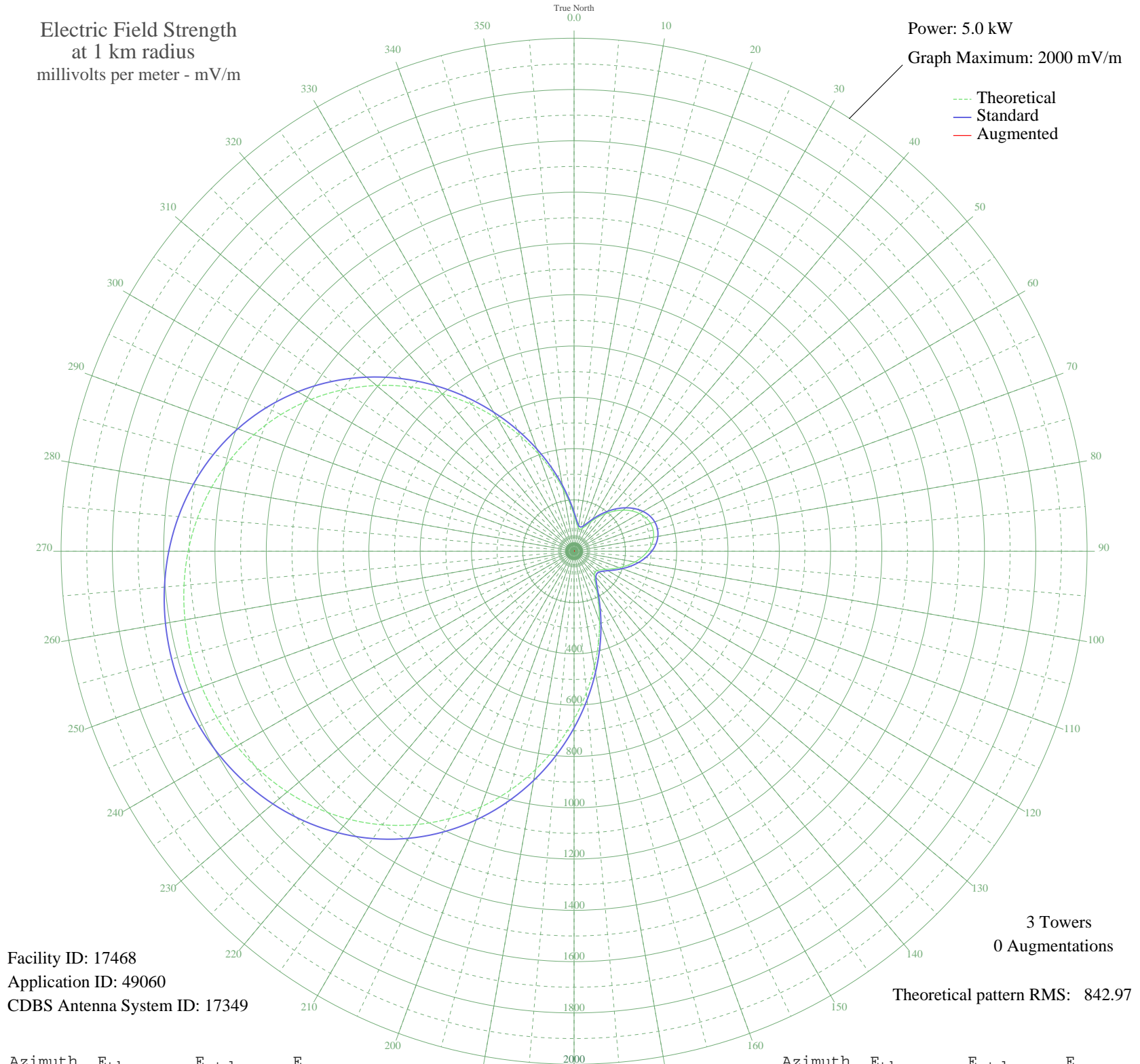


# KAPL PHOENIX, OR BL-19821115BA 1300 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	141.90	152.02	
5	110.45	119.83	
10	92.85	102.06	
15	88.29	97.49	
20	95.17	104.38	
25	111.27	120.67	
30	134.20	144.10	
35	161.59	172.34	
40	191.22	203.04	
45	221.02	234.02	
50	249.12	263.31	
55	273.94	289.22	
60	294.19	310.37	
65	308.89	325.73	
70	317.37	334.60	
75	319.29	336.61	
80	314.62	331.73	
85	303.65	320.26	
90	287.01	302.87	
95	265.63	280.54	
100	240.80	254.63	
105	214.08	226.80	
110	187.34	199.01	
115	162.57	173.35	
120	141.67	151.78	
125	126.16	135.86	
130	117.05	126.55	
135	115.29	124.76	
140	122.73	132.36	
145	142.29	152.42	
150	176.48	187.75	
155	226.17	239.39	
160	290.63	306.65	
165	368.18	387.76	
170	456.58	480.36	
175	553.22	581.66	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	655.24	688.66	
185	759.72	798.28	
190	863.84	907.53	
195	964.99	1013.69	
200	1060.96	1114.41	
205	1149.94	1207.81	
210	1230.62	1292.50	
215	1302.16	1367.60	
220	1364.14	1432.67	
225	1416.51	1487.64	
230	1459.46	1532.73	
235	1493.35	1568.31	
240	1518.62	1594.84	
245	1535.69	1612.76	
250	1544.90	1622.42	
255	1546.42	1624.03	
260	1540.32	1617.62	
265	1526.45	1603.06	
270	1504.53	1580.05	
275	1474.18	1548.19	
280	1434.97	1507.02	
285	1386.49	1456.13	
290	1328.47	1395.22	
295	1260.85	1324.24	
300	1183.90	1243.46	
305	1098.28	1153.59	
310	1005.09	1055.77	
315	905.92	951.69	
320	802.80	843.49	
325	698.17	733.70	
330	594.71	625.17	
335	495.22	520.86	
340	402.47	423.67	
345	318.94	336.25	
350	246.75	260.84	
355	187.43	199.10	