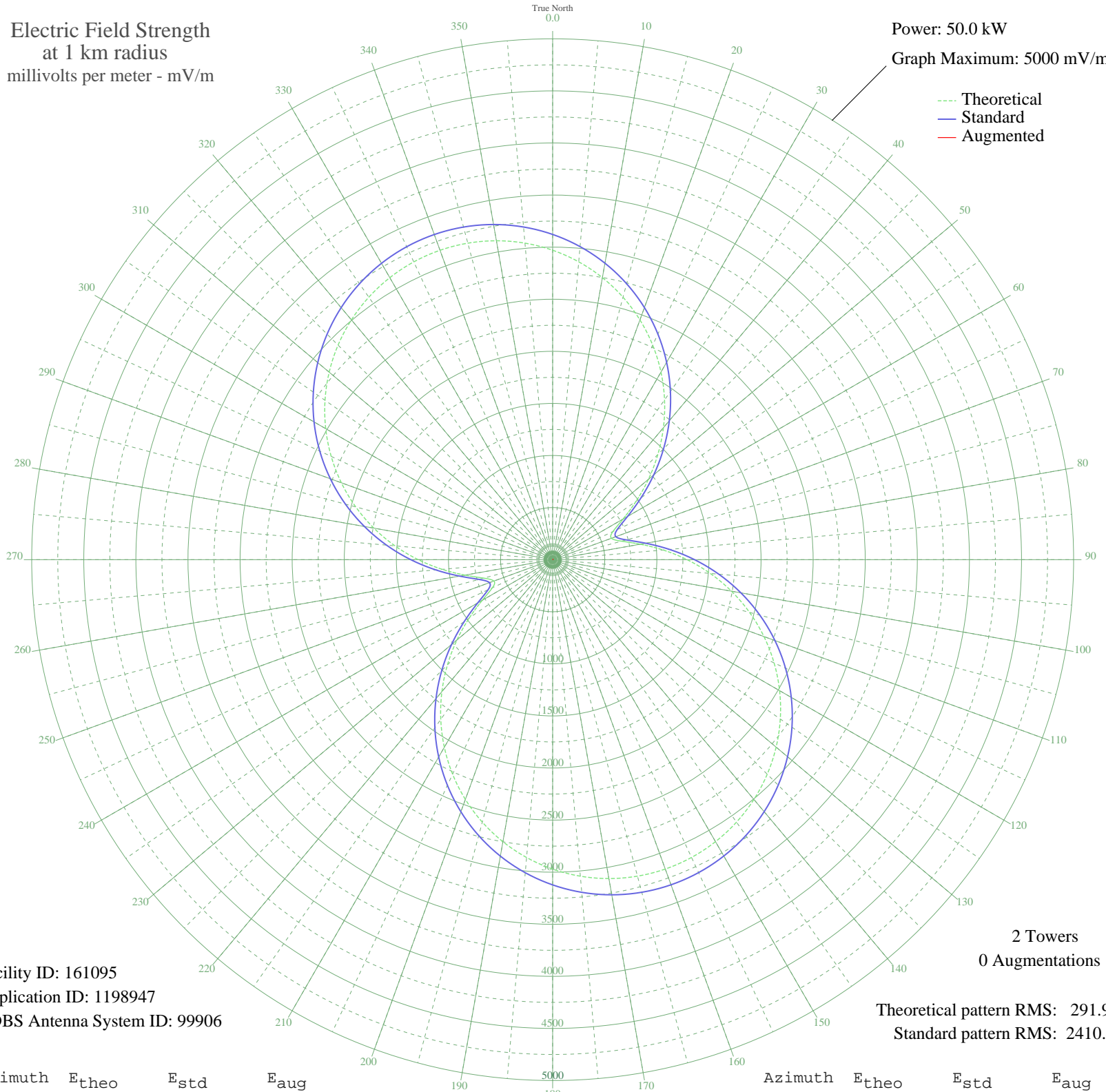


KPWL NEWPORT, WA BMP-20070807AAW 1370 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 161095
Application ID: 1198947
CDBS Antenna System ID: 99906

2 Towers
0 Augmentations
Theoretical pattern RMS: 291.94
Standard pattern RMS: 2410.45

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2970.57	3122.12	
5	2870.05	3016.68	
10	2749.15	2889.87	
15	2608.56	2742.43	
20	2449.20	2575.32	
25	2272.26	2389.82	
30	2079.28	2187.55	
35	1872.26	1970.66	
40	1653.85	1741.96	
45	1427.71	1505.36	
50	1199.30	1266.73	
55	977.69	1035.70	
60	779.71	830.12	
65	637.93	683.74	
70	600.10	644.88	
75	684.93	732.16	
80	854.44	907.60	
85	1064.69	1126.31	
90	1290.47	1361.92	
95	1518.79	1600.63	
100	1742.37	1834.63	
105	1956.60	2059.00	
110	2158.28	2270.34	
115	2345.05	2466.12	
120	2515.12	2644.44	
125	2667.10	2803.82	
130	2799.91	2943.11	
135	2912.73	3061.45	
140	3004.95	3158.18	
145	3076.10	3232.82	
150	3125.88	3285.04	
155	3154.08	3314.63	
160	3160.60	3321.46	
165	3145.40	3305.52	
170	3108.55	3266.86	
175	3050.19	3205.64	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2970.57	3122.11	
185	2870.05	3016.67	
190	2749.15	2889.86	
195	2608.56	2742.42	
200	2449.20	2575.32	
205	2272.26	2389.81	
210	2079.28	2187.55	
215	1872.26	1970.66	
220	1653.85	1741.95	
225	1427.71	1505.36	
230	1199.30	1266.72	
235	977.68	1035.70	
240	779.71	830.12	
245	637.93	683.74	
250	600.10	644.88	
255	684.94	732.16	
260	854.44	907.60	
265	1064.69	1126.32	
270	1290.47	1361.93	
275	1518.80	1600.63	
280	1742.38	1834.63	
285	1956.60	2059.01	
290	2158.28	2270.35	
295	2345.06	2466.13	
300	2515.13	2644.45	
305	2667.11	2803.82	
310	2799.92	2943.11	
315	2912.74	3061.45	
320	3004.95	3158.18	
325	3076.10	3232.82	
330	3125.88	3285.05	
335	3154.09	3314.63	
340	3160.60	3321.47	
345	3145.40	3305.52	
350	3108.55	3266.86	
355	3050.19	3205.64	

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