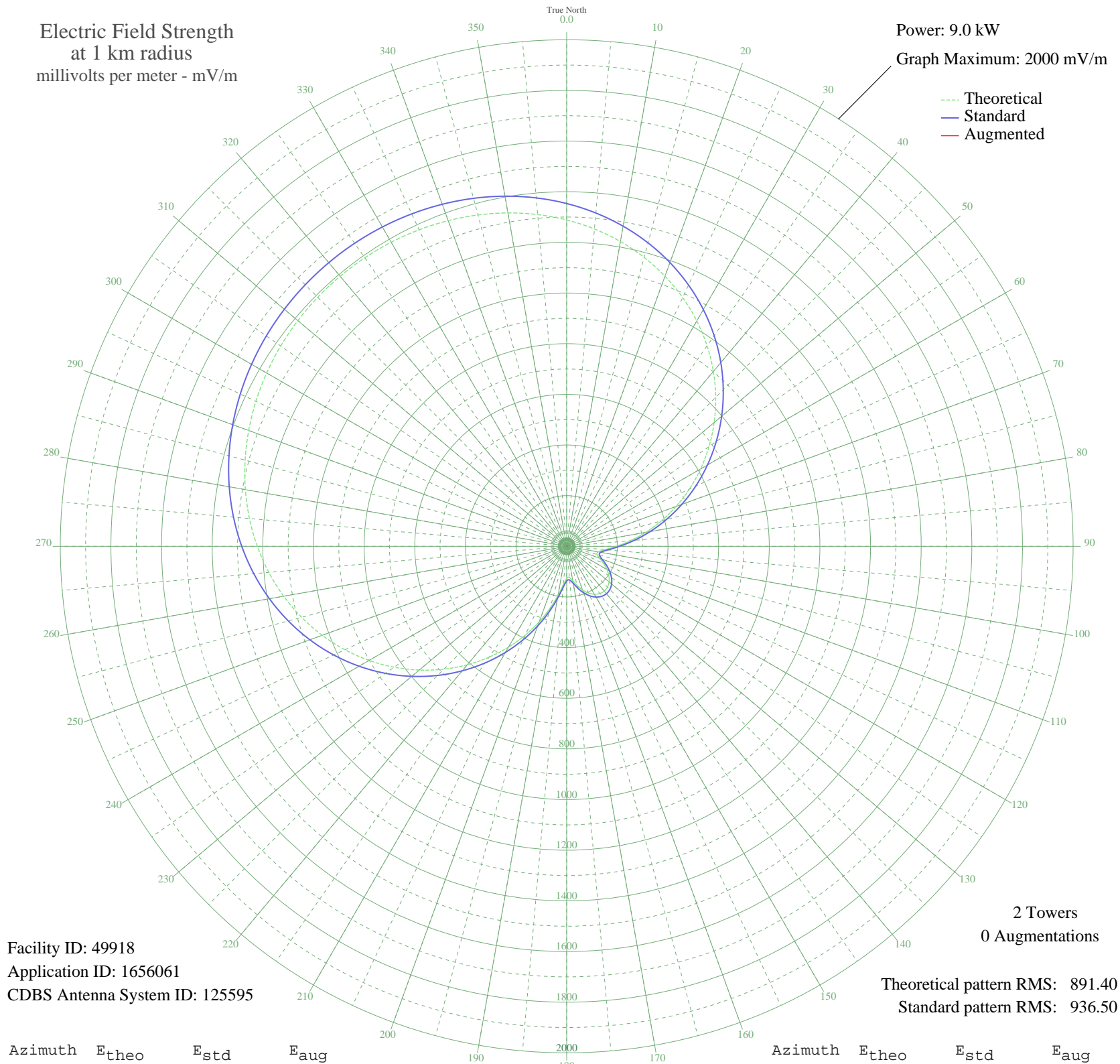


KRPA OAK HARBOR, WA BP-20141030AAL 1110 kHz

Daytime

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

Power: 9.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 49918
Application ID: 1656061
CDBS Antenna System ID: 125595

2 Towers
0 Augmentations

Theoretical pattern RMS: 891.40
Standard pattern RMS: 936.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1288.54	1353.33	
5	1257.68	1320.94	
10	1221.90	1283.38	
15	1181.02	1240.47	
20	1134.95	1192.12	
25	1083.72	1138.35	
30	1027.49	1079.32	
35	966.53	1015.34	
40	901.27	946.86	
45	832.29	874.47	
50	760.27	798.91	
55	686.03	721.02	
60	610.49	641.79	
65	534.67	562.29	
70	459.67	483.68	
75	386.71	407.27	
80	317.23	334.58	
85	253.00	267.52	
90	196.64	208.87	
95	152.39	163.08	
100	126.56	136.57	
105	123.53	133.48	
110	138.24	148.53	
115	160.60	171.55	
120	183.53	195.26	
125	203.39	215.87	
130	218.40	231.48	
135	227.69	241.14	
140	230.83	244.41	
145	227.69	241.14	
150	218.40	231.48	
155	203.39	215.87	
160	183.53	195.26	
165	160.60	171.55	
170	138.24	148.53	
175	123.53	133.48	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	126.56	136.57	
185	152.39	163.08	
190	196.64	208.87	
195	253.00	267.52	
200	317.23	334.58	
205	386.71	407.27	
210	459.67	483.68	
215	534.67	562.29	
220	610.49	641.79	
225	686.03	721.02	
230	760.27	798.91	
235	832.29	874.47	
240	901.27	946.86	
245	966.53	1015.34	
250	1027.49	1079.32	
255	1083.72	1138.35	
260	1134.95	1192.12	
265	1181.02	1240.47	
270	1221.90	1283.38	
275	1257.68	1320.94	
280	1288.54	1353.33	
285	1314.72	1380.82	
290	1336.53	1403.71	
295	1354.28	1422.34	
300	1368.28	1437.04	
305	1378.83	1448.11	
310	1386.17	1455.82	
315	1390.50	1460.37	
320	1391.93	1461.87	
325	1390.50	1460.37	
330	1386.17	1455.82	
335	1378.83	1448.11	
340	1368.28	1437.04	
345	1354.28	1422.34	
350	1336.53	1403.71	
355	1314.72	1380.82	

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.

25 Dec 2015

Prepared by Audio Division, Media Bureau
Federal Communications Commission