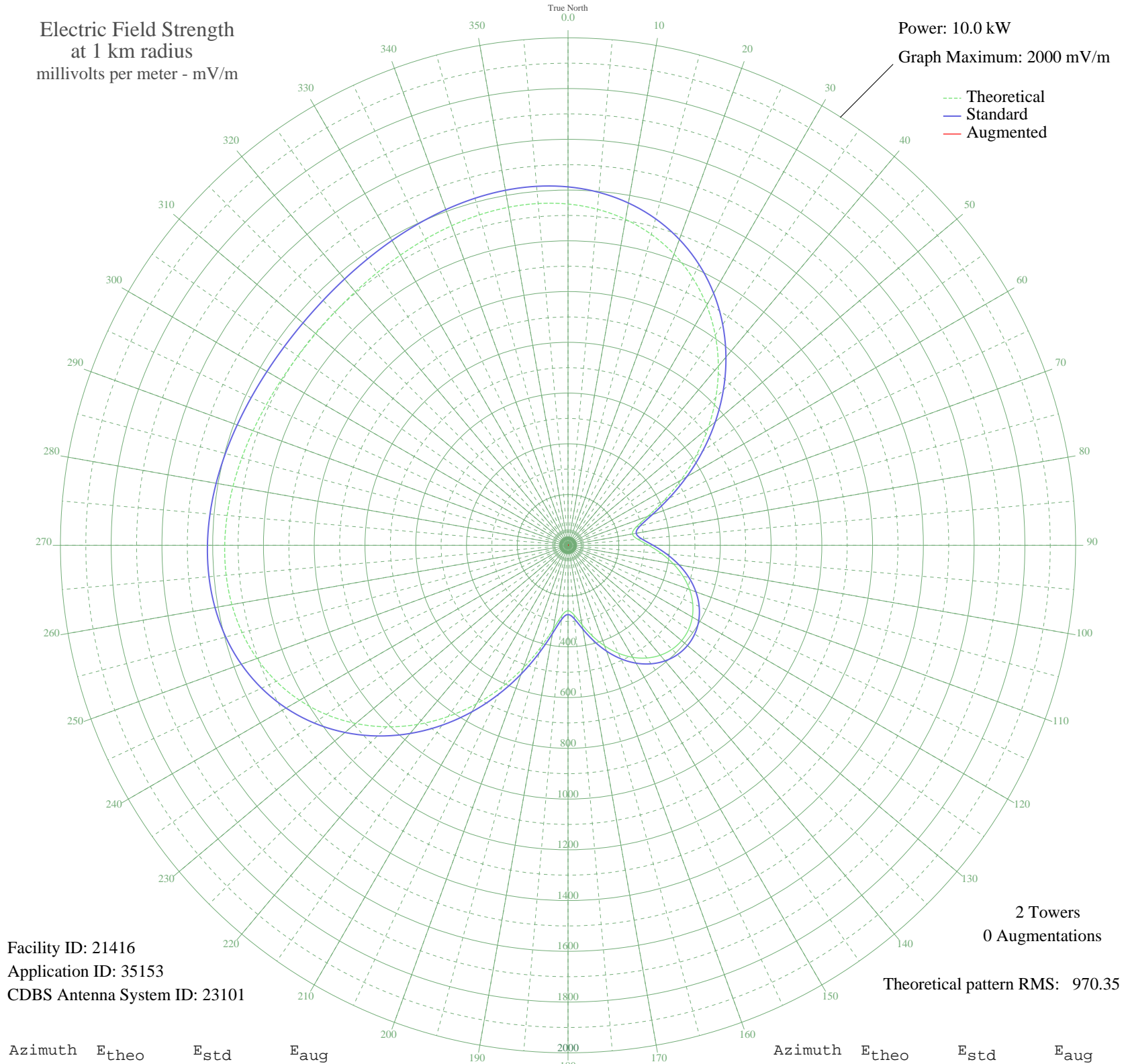


KRPI FERNDALE, WA BL-19811015AB 1550 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 21416
Application ID: 35153
CDBS Antenna System ID: 23101

2 Towers
0 Augmentations

Theoretical pattern RMS: 970.35

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1344.91	1412.55	
5	1329.40	1396.27	
10	1304.28	1369.90	
15	1268.49	1332.33	
20	1221.31	1282.81	
25	1162.50	1221.08	
30	1092.30	1147.40	
35	1011.49	1062.58	
40	921.37	968.01	
45	823.79	865.62	
50	721.13	757.91	
55	616.37	648.04	
60	513.26	539.95	
65	416.90	439.00	
70	334.72	353.02	
75	277.75	293.52	
80	257.76	272.67	
85	275.60	291.28	
90	317.78	335.32	
95	369.49	389.38	
100	421.54	443.86	
105	469.10	493.68	
110	509.70	536.22	
115	542.04	570.11	
120	565.44	594.64	
125	579.59	609.47	
130	584.32	614.43	
135	579.59	609.47	
140	565.45	594.64	
145	542.04	570.11	
150	509.70	536.22	
155	469.10	493.68	
160	421.54	443.86	
165	369.49	389.38	
170	317.78	335.32	
175	275.60	291.28	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	257.76	272.67	
185	277.75	293.52	
190	334.72	353.02	
195	416.90	439.00	
200	513.26	539.95	
205	616.36	648.03	
210	721.13	757.91	
215	823.79	865.62	
220	921.37	968.01	
225	1011.49	1062.58	
230	1092.30	1147.40	
235	1162.50	1221.08	
240	1221.31	1282.81	
245	1268.49	1332.33	
250	1304.28	1369.90	
255	1329.40	1396.27	
260	1344.91	1412.55	
265	1352.17	1420.17	
270	1352.74	1420.76	
275	1348.26	1416.06	
280	1340.39	1407.80	
285	1330.71	1397.64	
290	1320.67	1387.10	
295	1311.50	1377.47	
300	1304.21	1369.82	
305	1299.53	1364.91	
310	1297.92	1363.23	
315	1299.53	1364.91	
320	1304.21	1369.82	
325	1311.50	1377.47	
330	1320.67	1387.10	
335	1330.71	1397.64	
340	1340.39	1407.80	
345	1348.26	1416.06	
350	1352.74	1420.76	
355	1352.17	1420.17	

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