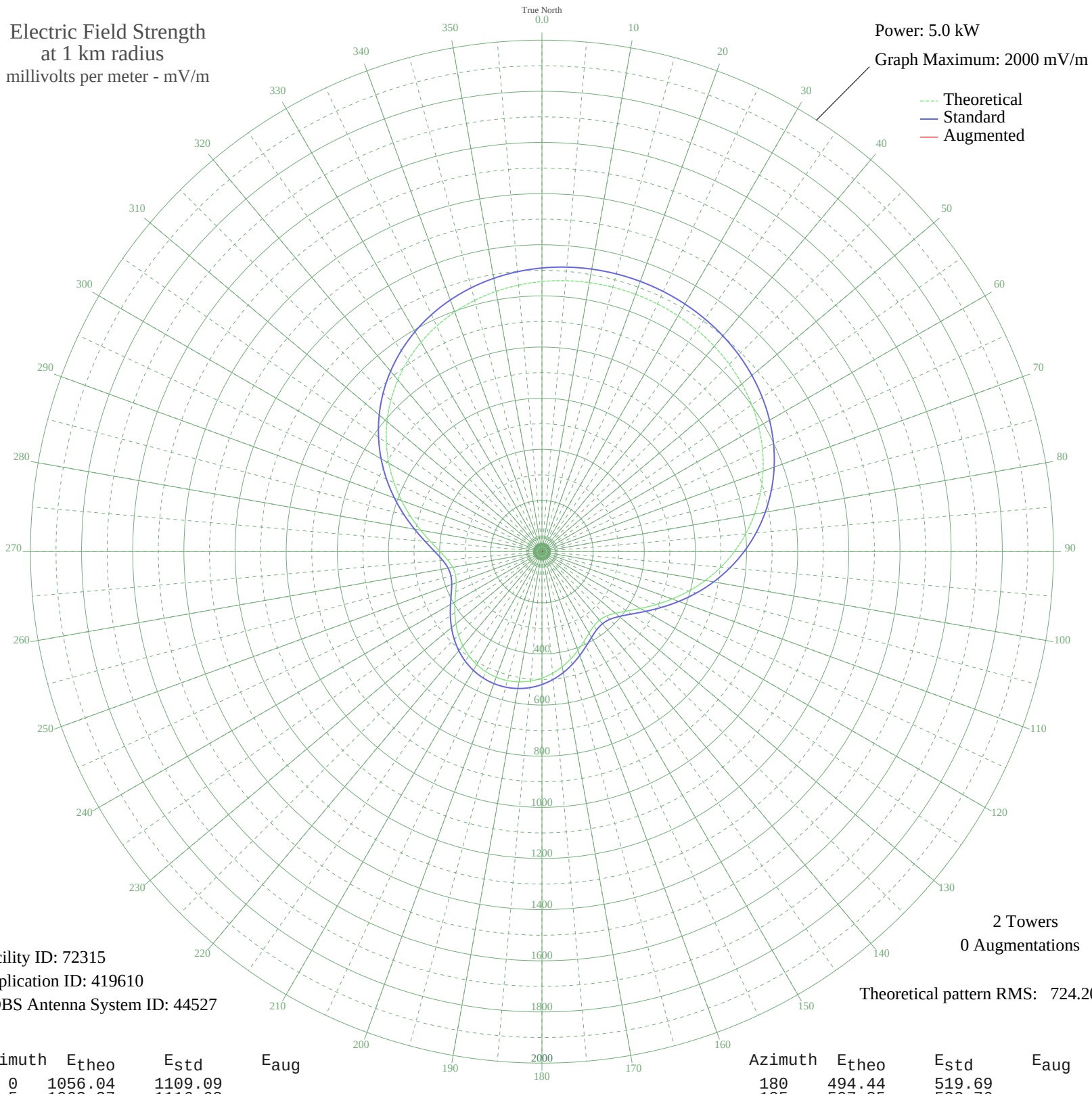
WKMC ROARING SPRING, PA BL-14451 1370 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 72315
Application ID: 419610
CDBS Antenna System ID: 44527

Theoretical pattern RMS: 724.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1056.04	1109.09	
5	1063.27	1116.68	
10	1068.01	1121.66	
15	1070.45	1124.22	
20	1070.67	1124.45	
25	1068.68	1122.36	
30	1064.41	1117.87	
35	1057.70	1110.83	
40	1048.33	1100.99	
45	1036.02	1088.08	
50	1020.48	1071.76	
55	1001.37	1051.71	
60	978.41	1027.60	
65	951.33	999.17	
70	919.95	966.24	
75	884.21	928.72	
80	844.18	886.70	
85	800.08	840.41	
90	752.34	790.31	
95	701.62	737.07	
100	648.79	681.63	
105	595.02	625.22	
110	541.79	569.36	
115	490.89	515.96	
120	444.48	467.29	
125	405.02	425.92	
130	375.00	394.44	
135	356.38	374.94	
140	349.94	368.19	
145	354.75	373.23	
150	368.47	387.60	
155	388.14	408.22	
160	410.91	432.09	
165	434.45	456.78	
170	457.01	480.43	
175	477.29	501.71	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	494.44	519.69	
185	507.85	533.76	
190	517.13	543.49	
195	522.05	548.65	
200	522.50	549.12	
205	518.46	544.89	
210	510.04	536.06	
215	497.44	522.83	
220	481.00	505.59	
225	461.28	484.91	
230	439.09	461.64	
235	415.62	437.03	
240	392.52	412.82	
245	372.02	391.33	
250	356.87	375.45	
255	350.06	368.32	
260	354.13	372.57	
265	370.31	389.54	
270	398.19	418.75	
275	435.95	458.35	
280	481.17	505.77	
285	531.36	558.42	
290	584.28	613.95	
295	638.07	670.39	
300	691.19	726.13	
305	742.41	779.89	
310	790.80	830.68	
315	835.67	877.77	
320	876.55	920.67	
325	913.15	959.10	
330	945.40	992.95	
335	973.33	1022.27	
340	997.10	1047.22	
345	1016.95	1068.06	
350	1033.18	1085.10	
355	1046.11	1098.67	

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