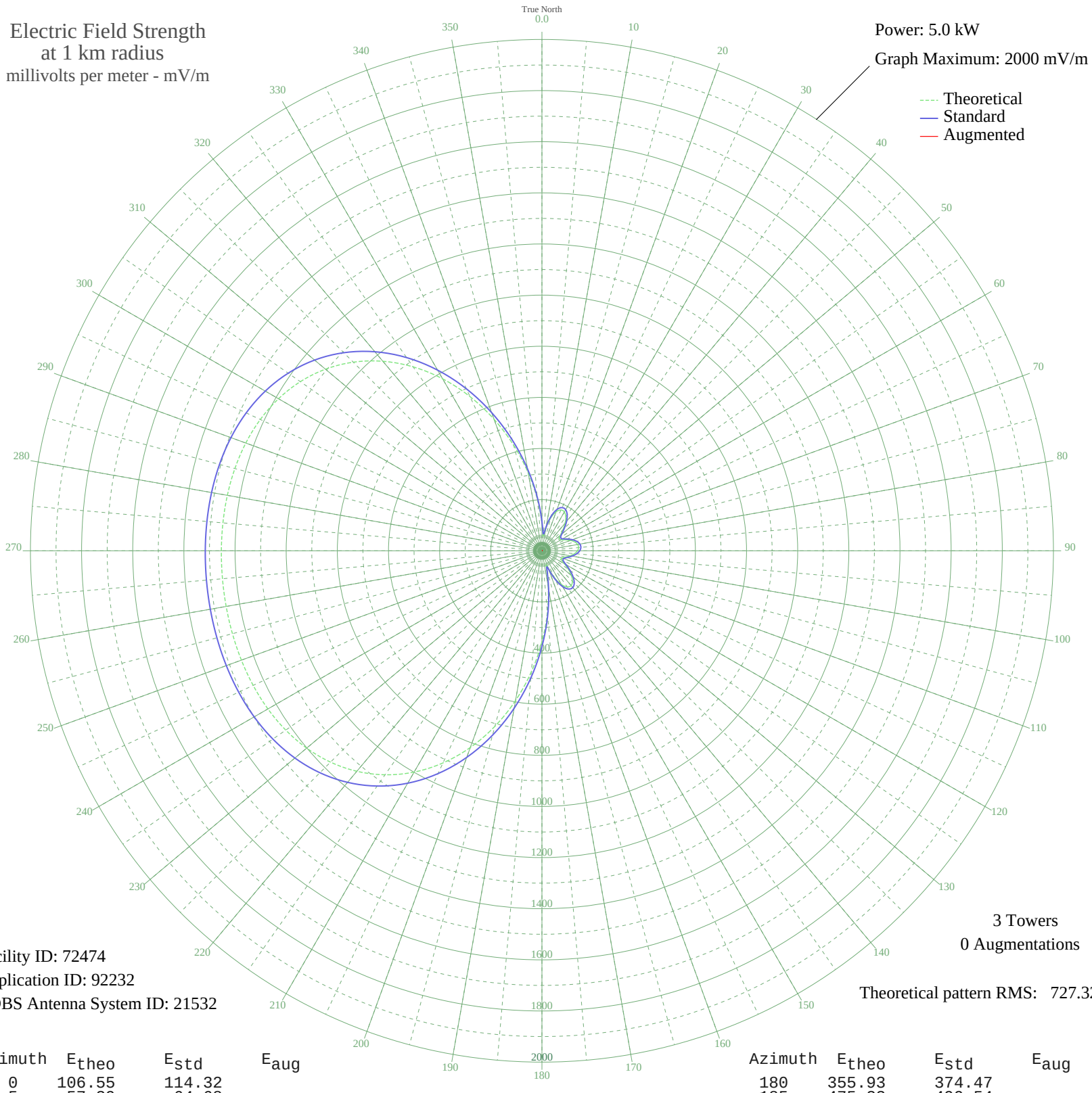
KYKN KEIZER, OR BL-19860917AA 1430 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 72474
Application ID: 92232
CDBS Antenna System ID: 21532

Theoretical pattern RMS: 727.32

Azimuth	E_{theo}	E_{std}	E_{aug}
0	106.55	114.32	
5	57.39	64.68	
10	88.61	95.96	
15	132.17	140.75	
20	162.25	171.97	
25	176.23	186.52	
30	175.31	185.57	
35	162.23	171.95	
40	140.70	149.59	
45	115.52	123.55	
50	93.13	100.57	
55	81.76	89.00	
60	86.15	93.45	
65	101.13	108.75	
70	118.45	126.57	
75	132.87	141.48	
80	141.74	150.66	
85	143.85	152.86	
90	138.96	147.78	
95	127.66	136.09	
100	111.65	119.56	
105	94.44	101.90	
110	82.64	89.89	
115	84.49	91.76	
120	101.25	108.87	
125	125.67	134.02	
130	150.05	159.29	
135	168.70	178.69	
140	177.32	187.66	
145	172.53	182.68	
150	152.14	161.46	
155	115.92	123.96	
160	70.89	78.05	
165	67.45	74.61	
170	141.13	150.03	
175	242.40	255.60	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	355.93	374.47	
185	475.23	499.54	
190	595.08	625.28	
195	710.88	746.79	
200	818.72	859.97	
205	915.59	961.66	
210	999.53	1049.77	
215	1069.60	1123.33	
220	1125.84	1182.37	
225	1169.09	1227.77	
230	1200.81	1261.07	
235	1222.85	1284.20	
240	1237.20	1299.27	
245	1245.85	1308.35	
250	1250.57	1313.31	
255	1252.85	1315.70	
260	1253.76	1316.66	
265	1253.93	1316.84	
270	1253.51	1316.40	
275	1252.15	1314.97	
280	1249.05	1311.71	
285	1242.95	1305.31	
290	1232.25	1294.08	
295	1215.07	1276.04	
300	1189.40	1249.09	
305	1153.27	1211.16	
310	1104.97	1160.45	
315	1043.26	1095.67	
320	967.59	1016.24	
325	878.31	922.52	
330	776.75	815.92	
335	665.31	698.97	
340	547.38	575.23	
345	427.17	449.14	
350	309.51	325.83	
355	199.95	211.26	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission