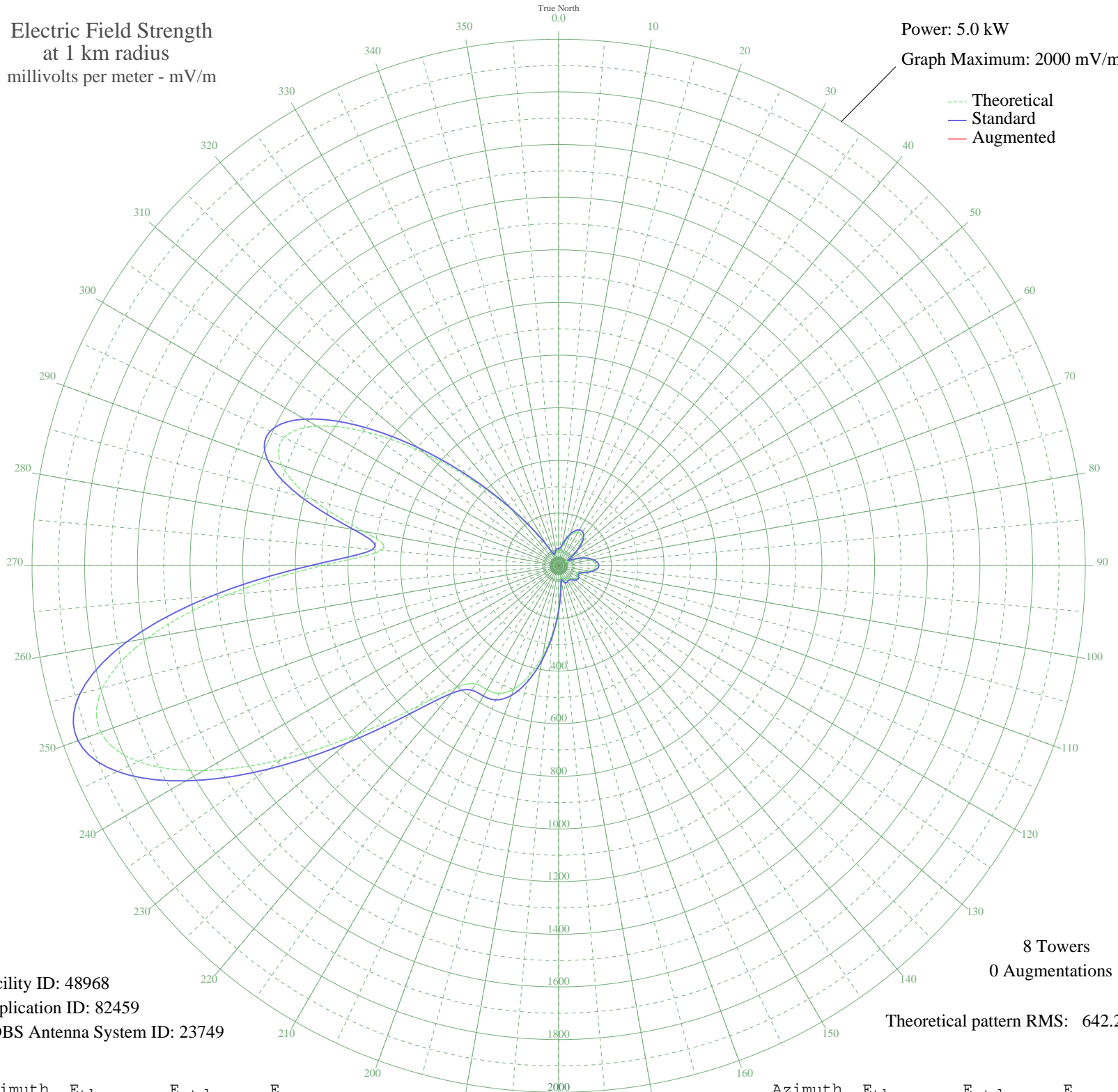


KATZ ST. LOUIS, MO BL-19851009AF 1600 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 48968
Application ID: 82459
CDBS Antenna System ID: 23749

8 Towers
0 Augmentations
Theoretical pattern RMS: 642.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	55.41	64.25	
5	59.18	67.85	
10	73.73	82.07	
15	95.77	104.19	
20	118.55	127.43	
25	136.91	146.32	
30	147.53	157.28	
35	148.37	158.16	
40	138.41	147.86	
45	117.64	126.49	
50	87.59	95.92	
55	52.42	61.42	
60	27.06	39.37	
65	45.05	54.60	
70	75.82	84.14	
75	102.55	111.07	
80	123.47	132.48	
85	137.83	147.26	
90	143.15	152.76	
95	136.46	145.86	
100	117.70	126.55	
105	92.92	101.30	
110	74.92	83.25	
115	73.31	81.66	
120	79.42	87.73	
125	81.14	89.46	
130	75.98	84.31	
135	67.55	75.99	
140	60.52	69.14	
145	57.86	66.58	
150	59.84	68.49	
155	62.88	71.43	
160	60.61	69.23	
165	49.13	58.34	
170	44.61	54.20	
175	86.16	94.48	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	160.95	171.19	
185	251.76	265.75	
190	346.49	364.84	
195	432.72	455.18	
200	498.35	523.97	
205	534.81	562.21	
210	543.75	571.59	
215	548.68	576.76	
220	602.34	633.04	
225	753.62	791.77	
230	996.30	1046.47	
235	1282.96	1347.38	
240	1556.38	1634.43	
245	1761.06	1849.31	
250	1849.96	1942.64	
255	1792.97	1882.82	
260	1586.15	1665.68	
265	1260.89	1324.21	
270	899.58	944.95	
275	674.91	709.18	
280	752.10	790.18	
285	965.55	1014.20	
290	1119.99	1176.31	
295	1151.07	1208.93	
300	1060.58	1113.94	
305	882.79	927.33	
310	665.00	698.78	
315	452.26	475.66	
320	276.88	292.00	
325	153.54	163.50	
330	80.01	88.32	
335	43.58	53.26	
340	34.82	45.60	
345	43.42	53.12	
350	52.75	61.73	
355	56.05	64.86	