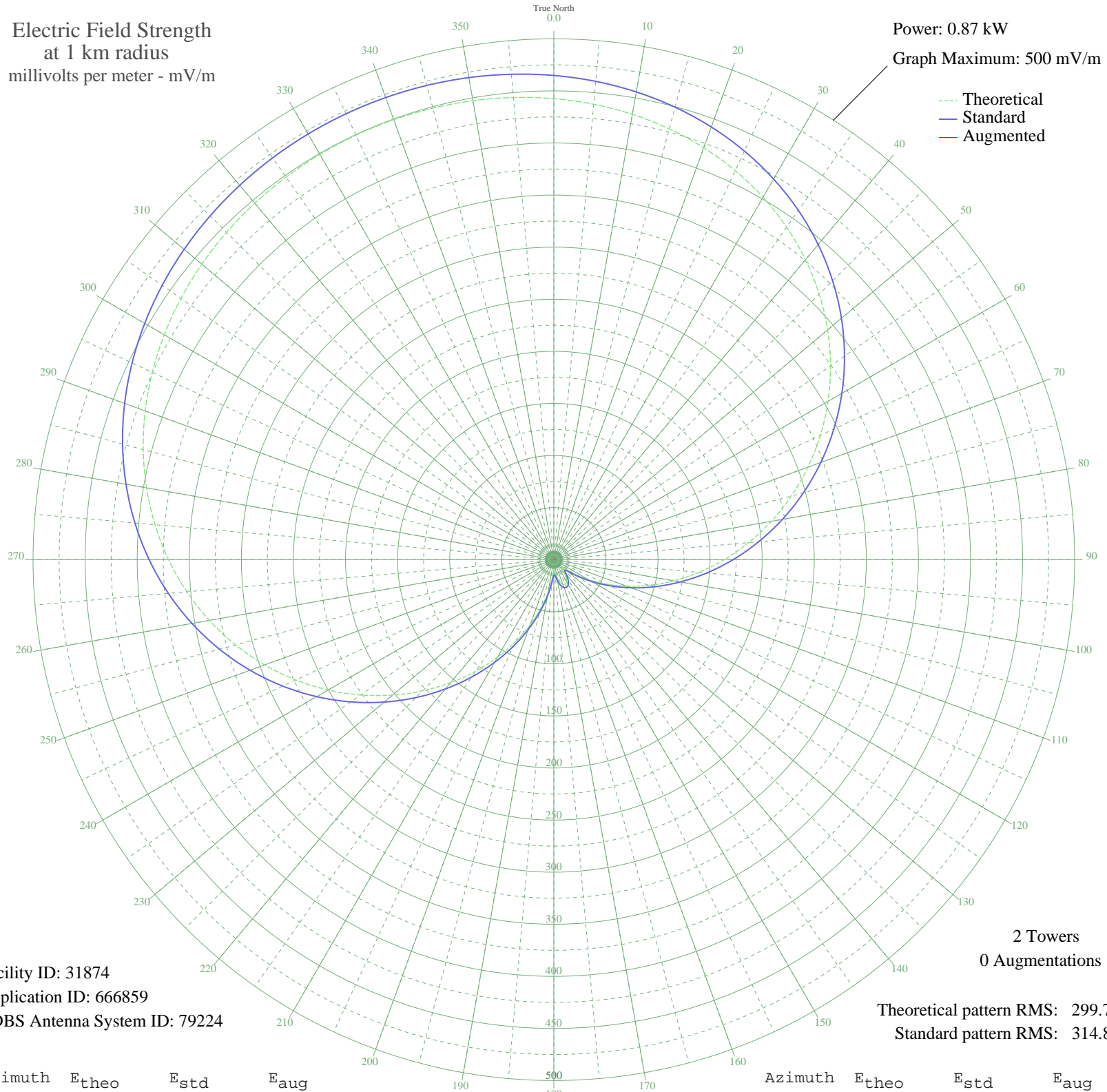


KGLB ST. PETER, MN BL-20030530DYL 1310 kHz

Daytime

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

Power: 0.87 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 31874
Application ID: 666859
CDBS Antenna System ID: 79224

2 Towers
0 Augmentations

Theoretical pattern RMS: 299.72
Standard pattern RMS: 314.88

Azimuth	E _{theo}	E _{std}	E _{aug}
0	442.57	464.82	
5	438.85	460.92	
10	434.09	455.92	
15	428.14	449.67	
20	420.85	442.01	
25	412.08	432.81	
30	401.71	421.93	
35	389.67	409.29	
40	375.89	394.83	
45	360.37	378.53	
50	343.13	360.44	
55	324.28	340.65	
60	303.93	319.30	
65	282.29	296.59	
70	259.57	272.75	
75	236.03	248.06	
80	211.98	222.83	
85	187.73	197.39	
90	163.59	172.08	
95	139.88	147.25	
100	116.93	123.22	
105	95.03	100.33	
110	74.47	78.90	
115	55.53	59.24	
120	38.49	41.75	
125	23.78	27.09	
130	12.65	16.93	
135	9.81	14.71	
140	15.00	18.93	
145	20.52	23.97	
150	24.28	27.58	
155	25.87	29.12	
160	25.19	28.46	
165	22.27	25.64	
170	17.36	21.04	
175	11.51	16.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	10.11	14.93	
185	18.76	22.32	
190	32.29	35.49	
195	48.46	51.96	
200	66.68	70.80	
205	86.63	91.57	
210	108.03	113.91	
215	130.59	137.52	
220	154.03	162.08	
225	178.04	187.23	
230	202.29	212.66	
235	226.46	238.01	
240	250.23	262.96	
245	273.31	287.17	
250	295.42	310.37	
255	316.31	332.29	
260	335.78	352.72	
265	353.68	371.51	
270	369.89	388.53	
275	384.37	403.72	
280	397.10	417.09	
285	408.13	428.66	
290	417.52	438.52	
295	425.39	446.78	
300	431.86	453.58	
305	437.08	459.06	
310	441.20	463.38	
315	444.35	466.69	
320	446.68	469.13	
325	448.28	470.81	
330	449.25	471.83	
335	449.64	472.23	
340	449.47	472.06	
345	448.74	471.29	
350	447.40	469.89	
355	445.38	467.76	

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