

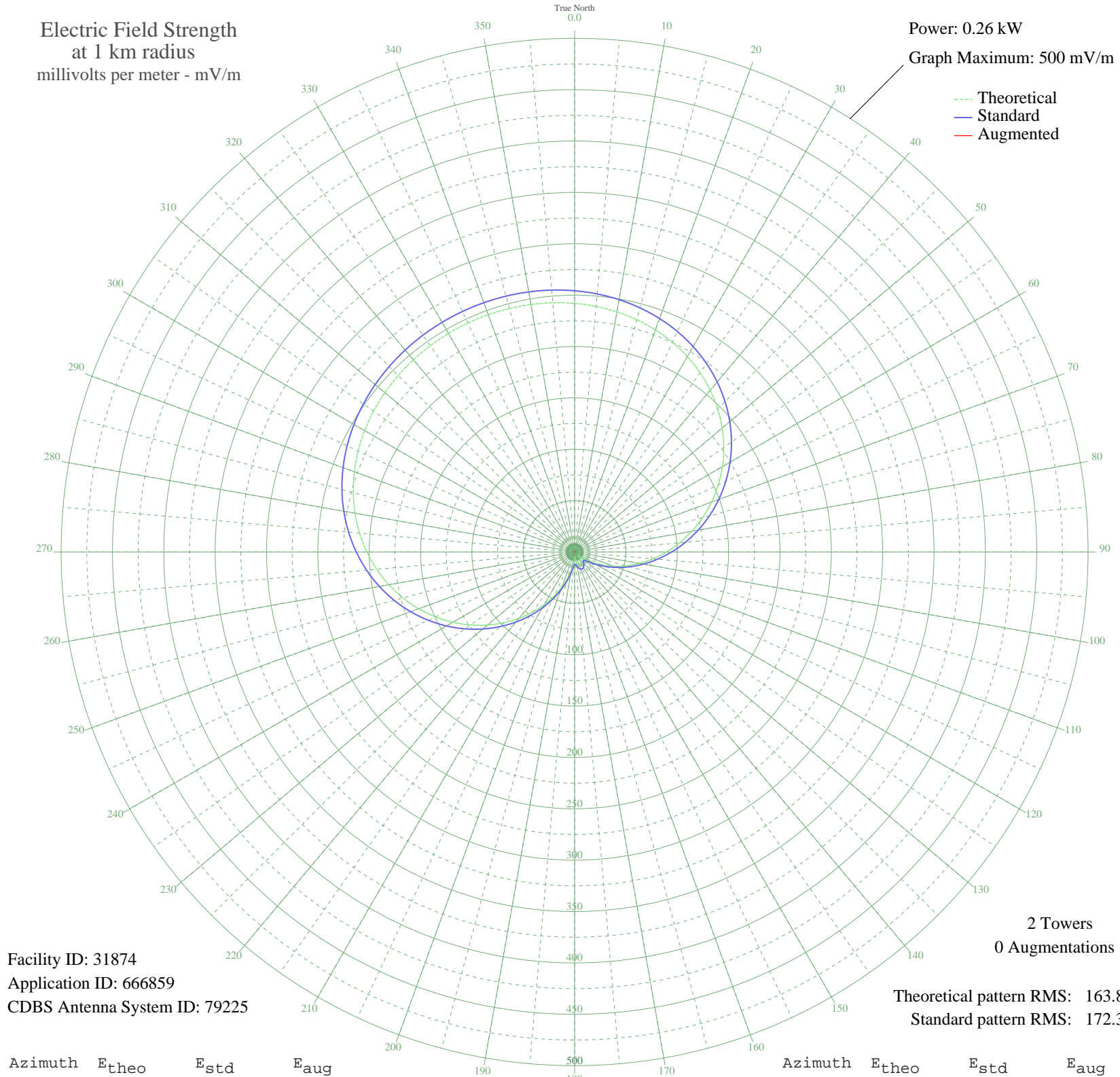
**KRBI ST. PETER, MN BL-20030530DYL 1310 kHz**

**Nighttime**

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

Power: 0.26 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 31874  
Application ID: 666859  
CDBS Antenna System ID: 79225

2 Towers  
0 Augmentations

Theoretical pattern RMS: 163.85  
Standard pattern RMS: 172.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	241.94	254.26	
5	239.91	252.13	
10	237.31	249.40	
15	234.05	245.98	
20	230.07	241.80	
25	225.27	236.77	
30	219.61	230.83	
35	213.02	223.92	
40	205.49	216.02	
45	197.00	207.12	
50	187.58	197.24	
55	177.27	186.43	
60	166.15	174.78	
65	154.32	162.38	
70	141.90	149.36	
75	129.03	135.89	
80	115.89	122.13	
85	102.63	108.27	
90	89.43	94.48	
95	76.47	80.98	
100	63.92	67.94	
105	51.95	55.55	
110	40.71	44.02	
115	30.35	33.56	
120	21.04	24.46	
125	13.00	17.22	
130	6.91	12.77	
135	5.37	11.92	
140	8.20	13.58	
145	11.22	15.78	
150	13.28	17.45	
155	14.14	18.19	
160	13.77	17.87	
165	12.18	16.54	
170	9.49	14.48	
175	6.29	12.40	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	5.53	12.00	
185	10.26	15.04	
190	17.65	21.30	
195	26.49	29.73	
200	36.45	39.69	
205	47.36	50.82	
210	59.06	62.89	
215	71.39	75.69	
220	84.21	89.04	
225	97.33	102.73	
230	110.59	116.59	
235	123.80	130.41	
240	136.80	144.02	
245	149.41	157.24	
250	161.50	169.90	
255	172.92	181.87	
260	183.56	193.03	
265	193.35	203.28	
270	202.21	212.58	
275	210.13	220.88	
280	217.09	228.18	
285	223.11	234.51	
290	228.25	239.89	
295	232.55	244.40	
300	236.09	248.12	
305	238.94	251.11	
310	241.19	253.47	
315	242.92	255.28	
320	244.19	256.61	
325	245.06	257.53	
330	245.59	258.09	
335	245.81	258.31	
340	245.71	258.21	
345	245.31	257.79	
350	244.58	257.03	
355	243.48	255.87	

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.

26 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission