

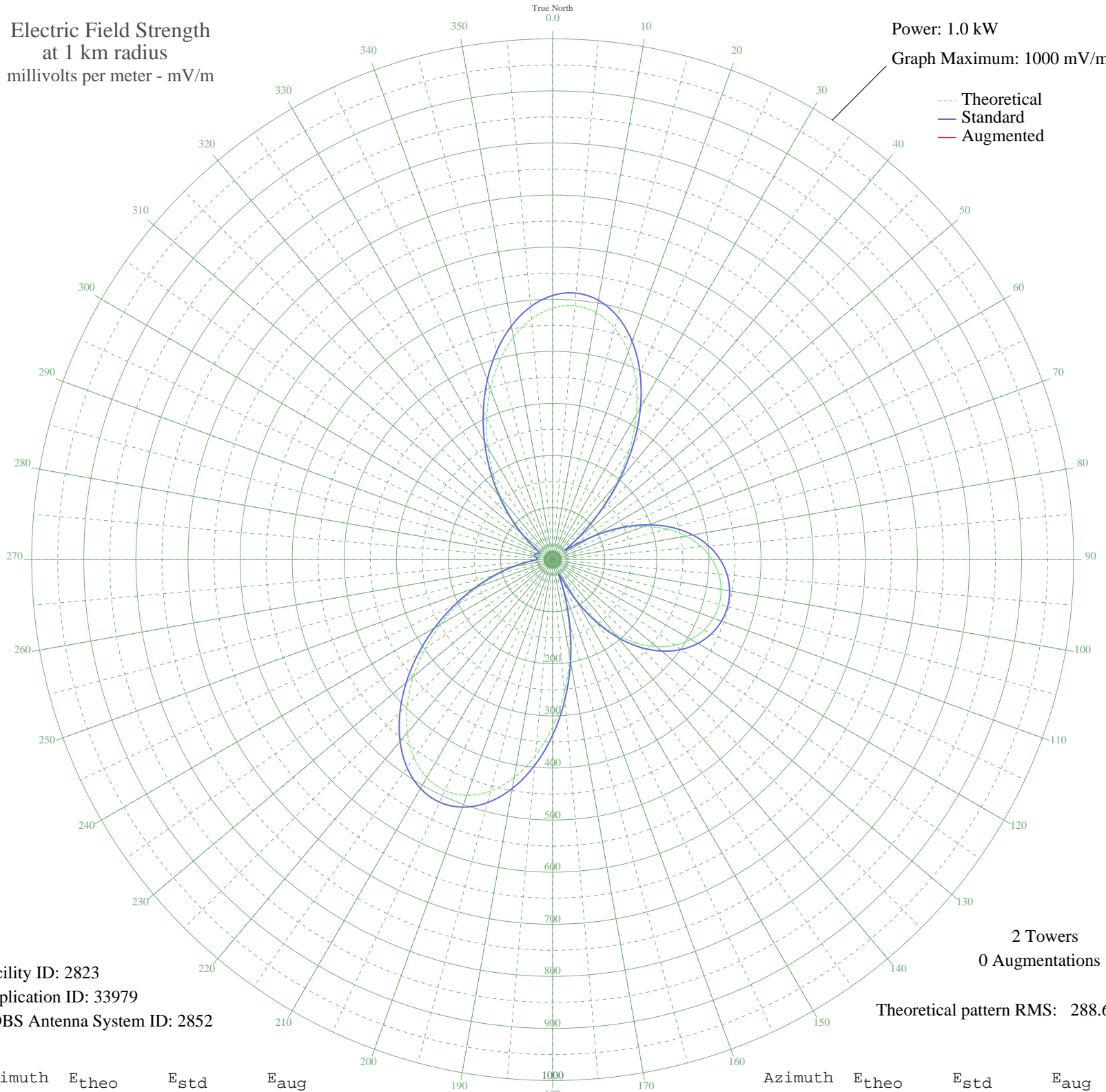
KXOI CRANE, TX BL-19810915AN 810 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 2823
Application ID: 33979
CDBS Antenna System ID: 2852

2 Towers
0 Augmentations

Theoretical pattern RMS: 288.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	483.01	507.27	
5	489.16	513.72	
10	481.47	505.65	
15	459.76	482.86	
20	424.66	446.02	
25	377.62	396.64	
30	320.76	336.96	
35	256.70	269.74	
40	188.36	198.05	
45	118.93	125.32	
50	53.23	56.87	
55	32.43	35.63	
60	85.03	89.90	
65	138.54	145.84	
70	186.01	195.59	
75	226.48	238.04	
80	259.85	273.04	
85	286.32	300.82	
90	306.29	321.78	
95	320.17	336.34	
100	328.33	344.91	
105	331.03	347.74	
110	328.33	344.91	
115	320.17	336.34	
120	306.29	321.78	
125	286.32	300.82	
130	259.85	273.04	
135	226.48	238.04	
140	186.01	195.59	
145	138.54	145.84	
150	85.03	89.90	
155	32.43	35.63	
160	53.23	56.87	
165	118.93	125.32	
170	188.36	198.05	
175	256.70	269.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	320.76	336.96	
185	377.62	396.64	
190	424.66	446.02	
195	459.76	482.86	
200	481.47	505.65	
205	489.16	513.72	
210	483.01	507.27	
215	464.03	487.34	
220	433.89	455.71	
225	394.78	414.66	
230	349.21	366.82	
235	299.74	314.91	
240	248.90	261.56	
245	198.96	209.17	
250	151.90	159.84	
255	109.40	115.35	
260	73.02	77.38	
265	44.66	48.06	
270	28.14	31.36	
275	26.61	29.85	
280	31.22	34.42	
285	33.42	36.63	
290	31.22	34.42	
295	26.61	29.85	
300	28.14	31.36	
305	44.66	48.06	
310	73.02	77.38	
315	109.40	115.35	
320	151.90	159.84	
325	198.96	209.17	
330	248.90	261.56	
335	299.74	314.91	
340	349.21	366.82	
345	394.79	414.66	
350	433.89	455.71	
355	464.03	487.34	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission