

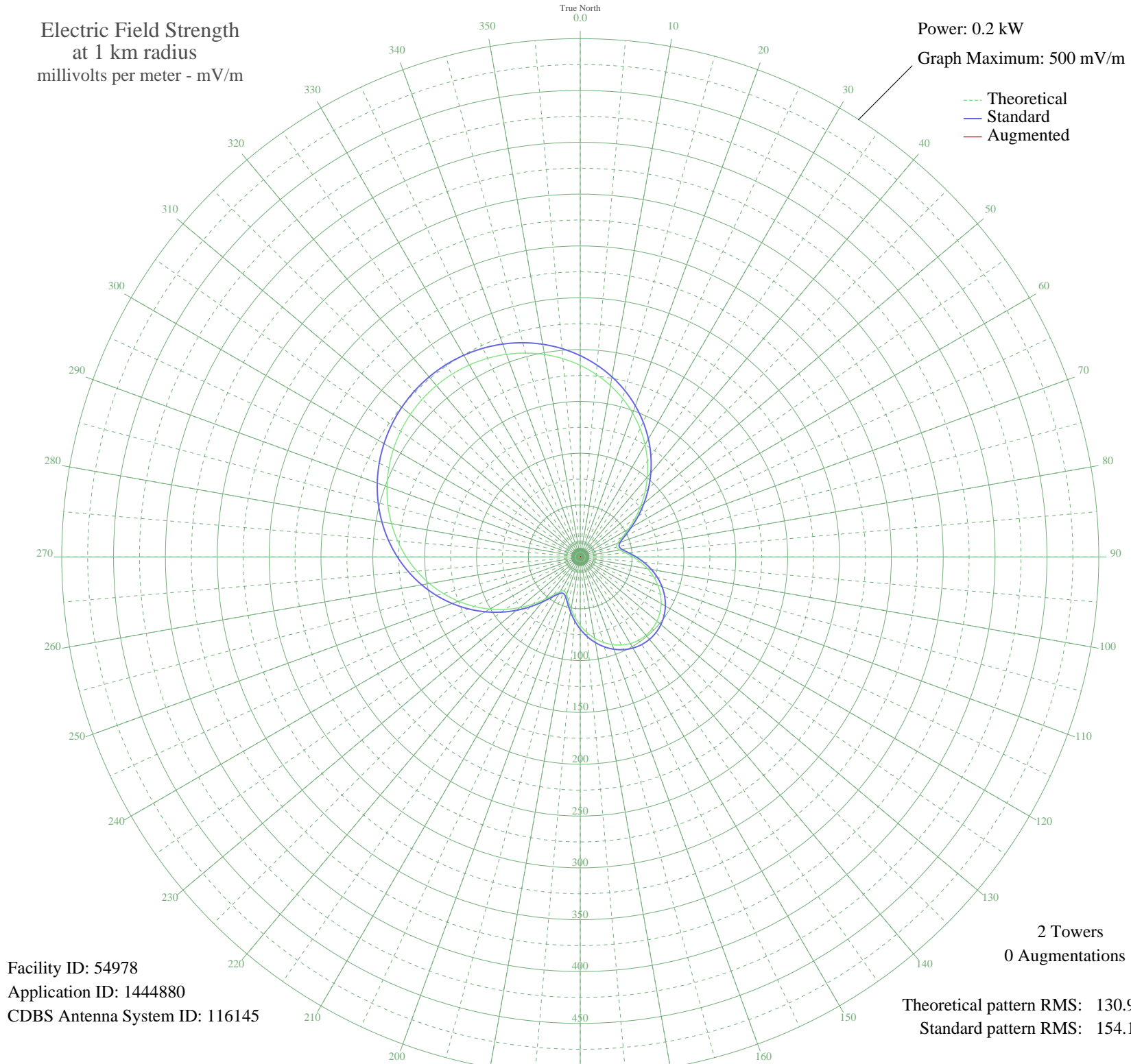
KRAC RED BLUFF, CA 0P-20110302ACC 1370 kHz

Nighttime

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

Power: 0.2 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54978
Application ID: 1444880
CDBS Antenna System ID: 116145

2 Towers
0 Augmentations

Theoretical pattern RMS: 130.95
Standard pattern RMS: 154.11

Azimuth	E _{theo}	E _{std}	E _{aug}
0	184.81	194.17	
5	176.74	185.70	
10	167.81	176.34	
15	158.10	166.15	
20	147.66	155.20	
25	136.58	143.58	
30	124.96	131.39	
35	112.93	118.77	
40	100.63	105.88	
45	88.24	92.91	
50	76.03	80.12	
55	64.30	67.86	
60	53.56	56.66	
65	44.58	47.31	
70	38.47	40.98	
75	36.40	38.84	
80	38.58	41.09	
85	43.89	46.59	
90	50.88	53.86	
95	58.47	61.78	
100	66.03	69.67	
105	73.16	77.13	
110	79.64	83.90	
115	85.29	89.82	
120	90.03	94.78	
125	93.77	98.70	
130	96.48	101.54	
135	98.12	103.25	
140	98.66	103.82	
145	98.12	103.25	
150	96.48	101.54	
155	93.77	98.70	
160	90.03	94.78	
165	85.29	89.82	
170	79.64	83.90	
175	73.16	77.13	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	66.03	69.67	
185	58.47	61.78	
190	50.88	53.86	
195	43.89	46.59	
200	38.58	41.09	
205	36.40	38.84	
210	38.47	40.98	
215	44.58	47.31	
220	53.56	56.66	
225	64.30	67.86	
230	76.02	80.12	
235	88.24	92.91	
240	100.63	105.88	
245	112.93	118.77	
250	124.96	131.39	
255	136.58	143.58	
260	147.66	155.20	
265	158.10	166.15	
270	167.81	176.34	
275	176.74	185.70	
280	184.81	194.17	
285	192.00	201.72	
290	198.27	208.30	
295	203.60	213.89	
300	207.97	218.48	
305	211.38	222.06	
310	213.82	224.62	
315	215.29	226.16	
320	215.78	226.67	
325	215.29	226.16	
330	213.82	224.62	
335	211.38	222.06	
340	207.97	218.48	
345	203.60	213.89	
350	198.27	208.30	
355	192.00	201.72	

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