

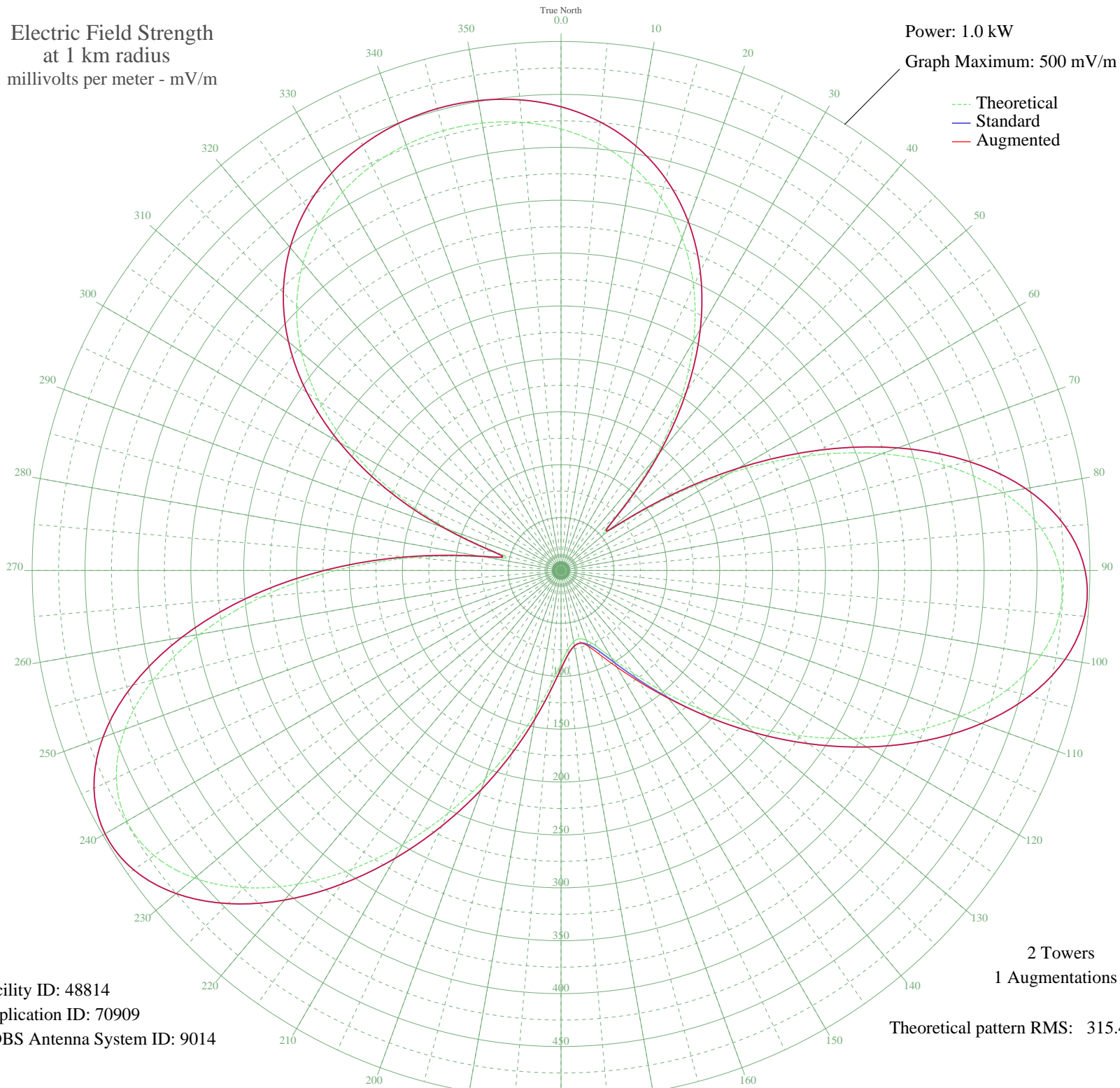
# KCKY COOLIDGE, AZ BL-19840709AD 1150 kHz

Nighttime

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

Power: 1.0 kW

Graph Maximum: 500 mV/m



Facility ID: 48814  
Application ID: 70909  
CDBS Antenna System ID: 9014

2 Towers  
1 Augmentations  
Theoretical pattern RMS: 315.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	417.31	438.31	438.31
5	405.17	425.56	425.56
10	387.93	407.46	407.46
15	364.66	383.04	383.04
20	334.46	351.34	351.34
25	296.58	311.58	311.58
30	250.62	263.36	263.36
35	196.85	206.95	206.95
40	136.79	144.01	144.01
45	76.79	81.31	81.31
50	56.26	60.00	60.00
55	111.24	117.27	117.27
60	183.71	193.18	193.18
65	255.98	268.98	268.98
70	322.51	338.80	338.80
75	379.64	398.76	398.76
80	424.63	445.99	445.99
85	455.62	478.52	478.52
90	471.74	495.44	495.44
95	473.10	496.87	496.87
100	460.75	483.90	483.90
105	436.50	458.44	458.44
110	402.74	423.00	423.00
115	362.17	380.42	380.42
120	317.59	333.64	333.64
125	271.69	285.47	285.47
130	226.89	238.47	238.47
135	185.29	194.84	195.04
140	148.60	156.39	157.92
145	118.19	124.54	128.19
150	94.96	100.26	105.37
155	79.19	83.81	88.26
160	70.26	74.51	76.46
165	66.91	71.04	71.10
170	68.32	72.50	72.50
175	74.86	79.30	79.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	87.77	92.76	92.76
185	108.00	113.89	113.89
190	135.62	142.79	142.79
195	169.94	178.75	178.75
200	209.76	220.50	220.50
205	253.51	266.40	266.40
210	299.25	314.39	314.39
215	344.67	362.05	362.05
220	387.17	406.66	406.66
225	423.99	445.31	445.31
230	452.35	475.09	475.09
235	469.72	493.32	493.32
240	474.02	497.83	497.83
245	463.87	487.18	487.18
250	438.78	460.84	460.84
255	399.22	419.31	419.31
260	346.66	364.15	364.15
265	283.51	297.87	297.87
270	213.02	223.92	223.92
275	139.70	147.06	147.06
280	73.22	77.60	77.60
285	58.82	62.65	62.65
290	112.00	118.07	118.07
295	173.41	182.39	182.39
300	230.01	241.73	241.73
305	279.17	293.31	293.31
310	320.26	336.44	336.44
315	353.46	371.28	371.28
320	379.39	398.50	398.50
325	398.93	419.01	419.01
330	413.01	433.79	433.79
335	422.50	443.75	443.75
340	428.13	449.66	449.66
345	430.36	452.00	452.00
350	429.41	451.00	451.00
355	425.19	446.57	446.57

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 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission