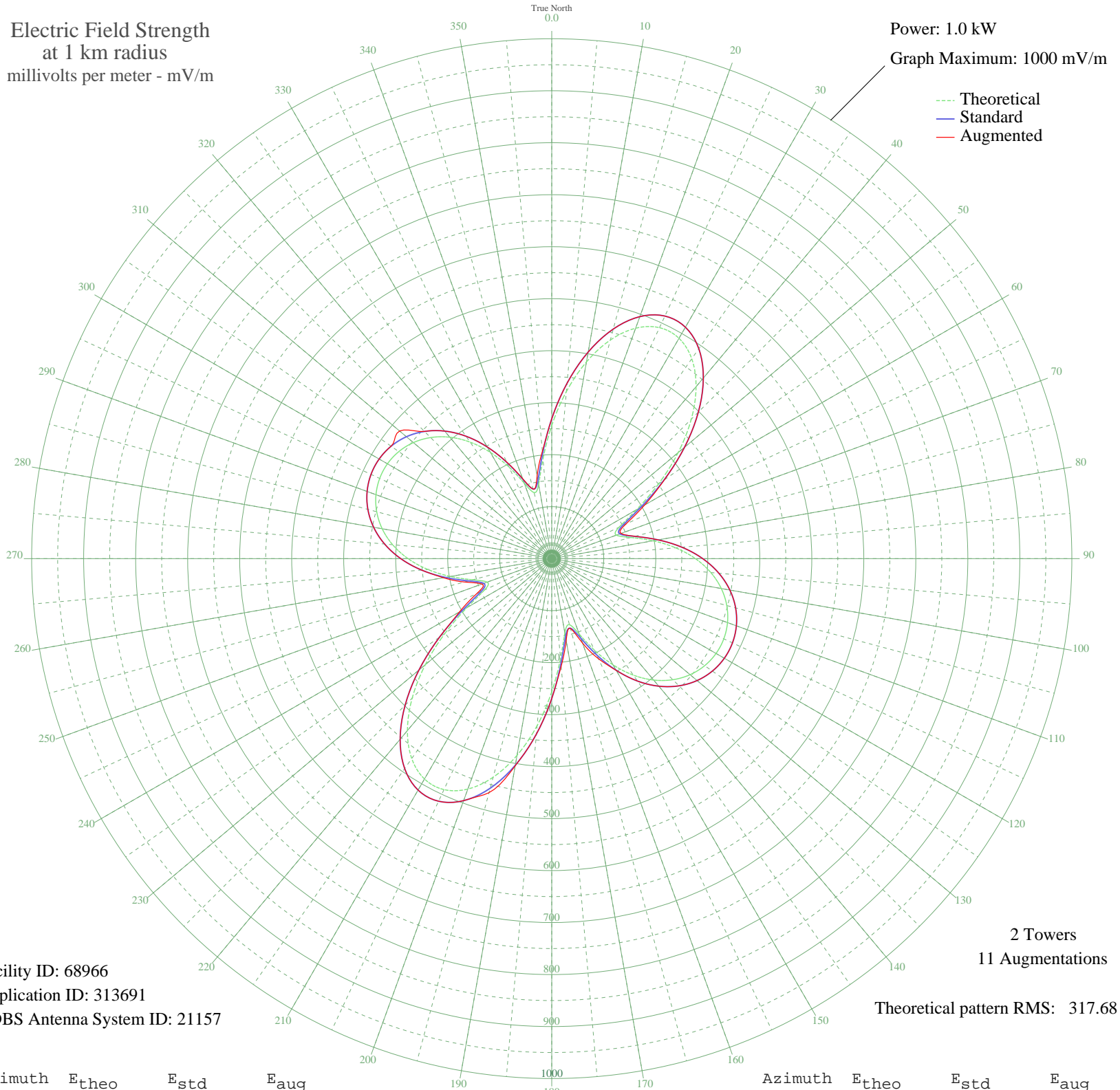


# KIIX FORT COLLINS, CO BL-- 1410 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 68966  
Application ID: 313691  
CDBS Antenna System ID: 21157

2 Towers  
11 Augmentations  
Theoretical pattern RMS: 317.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	256.02	269.02	269.02
5	322.49	338.78	338.78
10	384.16	403.50	403.50
15	435.32	457.21	457.21
20	471.68	495.37	495.37
25	490.22	514.84	514.84
30	489.44	514.02	514.02
35	469.39	492.97	492.97
40	431.73	453.44	453.44
45	379.54	398.66	398.66
50	317.26	333.29	333.29
55	250.71	263.45	263.45
60	188.02	197.70	206.19
65	142.52	150.02	157.13
70	132.16	139.16	141.91
75	157.26	165.46	165.82
80	197.64	207.78	207.78
85	239.20	251.38	251.38
90	276.33	290.33	290.33
95	307.08	322.61	322.61
100	331.05	347.76	347.76
105	348.43	366.01	366.01
110	359.63	377.76	377.76
115	365.02	383.41	383.41
120	364.80	383.18	383.18
125	358.96	377.05	377.05
130	347.28	364.79	364.79
135	329.38	346.01	346.01
140	304.87	320.29	320.29
145	273.58	287.45	287.45
150	236.00	248.02	248.31
155	194.25	204.23	212.28
160	154.43	162.49	172.50
165	131.47	138.45	138.96
170	145.09	152.70	159.75
175	192.63	202.53	207.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	256.02	269.02	269.02
185	322.49	338.78	338.78
190	384.16	403.50	404.55
195	435.32	457.21	465.93
200	471.68	495.37	495.37
205	490.22	514.84	514.84
210	489.44	514.02	514.02
215	469.39	492.97	492.97
220	431.73	453.44	453.44
225	379.54	398.66	398.66
230	317.26	333.29	333.29
235	250.71	263.45	263.45
240	188.02	197.70	204.62
245	142.52	150.02	159.02
250	132.16	139.16	142.92
255	157.26	165.46	173.57
260	197.64	207.78	211.49
265	239.20	251.38	251.38
270	276.33	290.33	290.33
275	307.08	322.61	322.61
280	331.05	347.76	347.76
285	348.43	366.01	366.01
290	359.63	377.76	377.76
295	365.02	383.41	383.41
300	364.80	383.18	383.18
305	358.96	377.05	377.05
310	347.28	364.79	381.87
315	329.38	346.01	346.01
320	304.87	320.29	320.29
325	273.58	287.45	287.45
330	236.00	248.02	248.02
335	194.25	204.23	205.00
340	154.43	162.49	163.69
345	131.47	138.45	138.51
350	145.09	152.70	161.72
355	192.63	202.53	207.14

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission