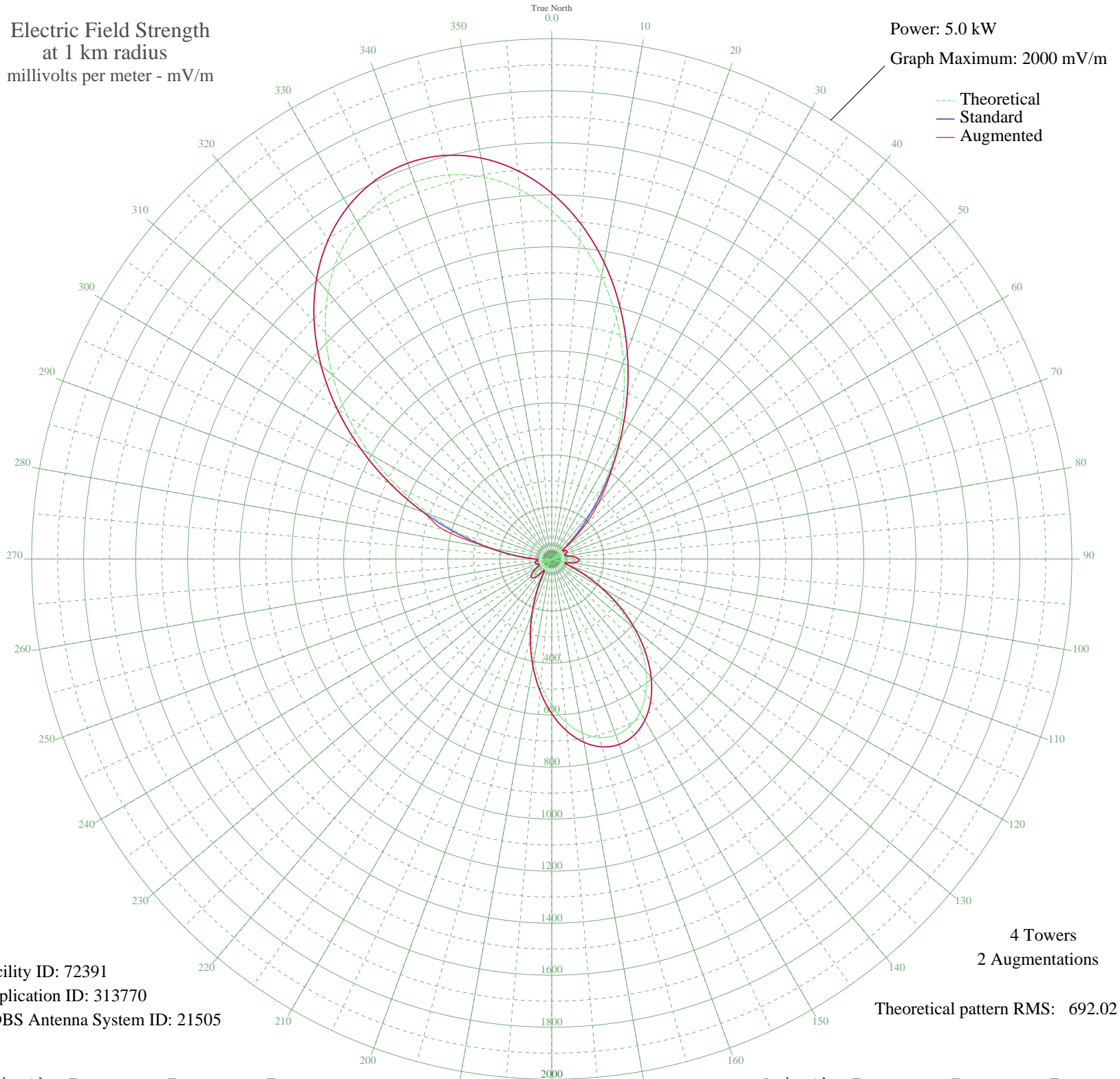


# KZQZ ST. LOUIS, MO BL-- 1430 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 72391  
Application ID: 313770  
CDBS Antenna System ID: 21505

4 Towers  
2 Augmentations  
Theoretical pattern RMS: 692.02

Azimuth	Etheo	Estd	Eaug
0	1338.82	1406.71	1406.71
5	1229.79	1292.32	1292.32
10	1102.03	1158.30	1158.30
15	959.48	1008.79	1008.79
20	807.08	849.02	849.02
25	650.76	685.26	685.26
30	497.13	524.55	524.92
35	353.10	374.36	388.48
40	225.32	242.19	278.42
45	119.46	135.72	170.86
50	39.62	66.45	69.27
55	12.31	53.40	53.40
60	36.96	64.74	64.74
65	37.56	65.12	65.12
70	19.63	55.77	55.77
75	9.58	52.79	52.79
80	42.01	68.05	68.05
85	69.65	89.63	89.63
90	85.52	103.68	103.68
95	84.37	102.63	102.63
100	63.15	84.15	84.15
105	21.17	56.38	56.38
110	40.05	66.73	66.73
115	117.17	133.50	133.50
120	205.55	221.96	221.96
125	299.83	319.05	319.05
130	394.44	417.39	417.39
135	484.08	510.92	510.92
140	564.02	594.49	594.49
145	630.30	663.84	663.84
150	679.82	715.69	715.69
155	710.40	747.72	747.72
160	720.74	758.55	758.55
165	710.40	747.72	747.72
170	679.82	715.69	715.69
175	630.30	663.84	663.84

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	564.02	594.49	594.49
185	484.08	510.92	510.92
190	394.44	417.39	417.39
195	299.83	319.06	319.06
200	205.55	221.96	221.96
205	117.17	133.50	133.50
210	40.05	66.73	66.73
215	21.17	56.38	56.38
220	63.15	84.15	84.15
225	84.37	102.63	102.63
230	85.52	103.68	103.68
235	69.65	89.63	89.63
240	42.01	68.05	68.05
245	9.58	52.79	52.79
250	19.63	55.77	55.77
255	37.56	65.12	65.12
260	36.96	64.74	64.74
265	12.31	53.40	53.40
270	39.62	66.45	66.45
275	119.46	135.72	135.72
280	225.32	242.19	242.19
285	353.10	374.36	428.44
290	497.13	524.55	525.59
295	650.76	685.26	685.26
300	807.08	849.02	849.02
305	959.48	1008.78	1008.78
310	1102.03	1158.29	1158.29
315	1229.79	1292.32	1292.32
320	1338.82	1406.71	1406.71
325	1426.20	1498.41	1498.41
330	1489.90	1565.25	1565.25
335	1528.59	1605.86	1605.86
340	1541.57	1619.48	1619.48
345	1528.59	1605.86	1605.86
350	1489.90	1565.25	1565.25
355	1426.20	1498.41	1498.41