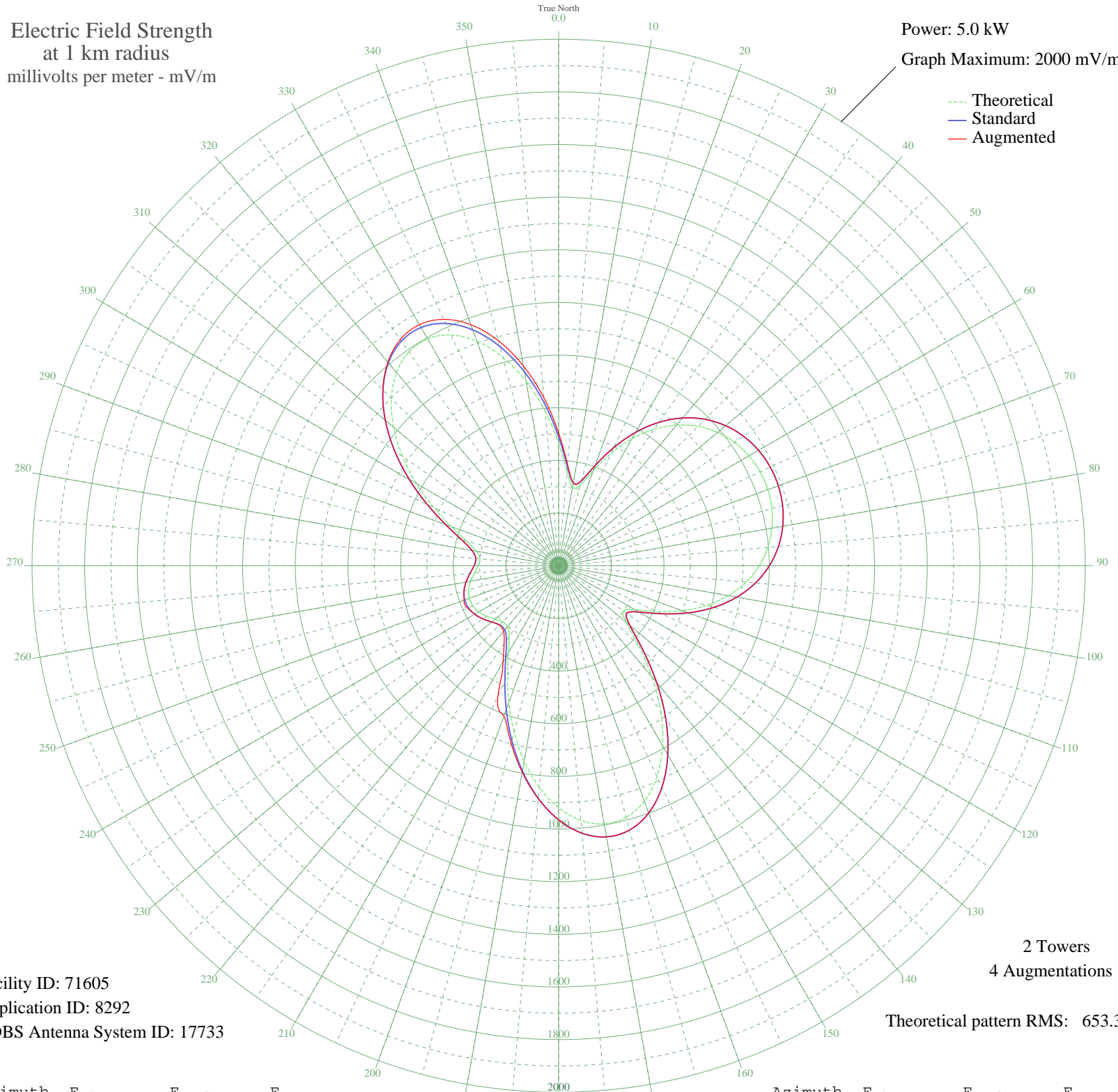


KZRG JOPLIN, MO BL-19790223AA 1310 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 71605
Application ID: 8292
CDBS Antenna System ID: 17733

2 Towers
4 Augmentations
Theoretical pattern RMS: 653.39

Azimuth	E _{theo}	E _{std}	E _{aug}
0	465.36	489.19	504.65
5	359.87	378.59	386.53
10	302.79	318.79	319.90
15	317.40	334.09	334.09
20	384.96	404.88	404.88
25	471.32	495.44	495.44
30	556.84	585.15	585.15
35	633.18	665.25	665.25
40	697.30	732.54	732.54
45	748.67	786.45	786.45
50	787.91	827.64	827.64
55	816.16	857.29	857.29
60	834.59	876.63	876.63
65	844.15	886.66	886.66
70	845.39	887.97	887.97
75	838.41	880.64	880.64
80	822.77	864.23	864.23
85	797.64	837.85	837.85
90	761.88	800.32	800.32
95	714.31	750.39	750.39
100	654.09	687.20	687.20
105	581.31	610.83	610.83
110	498.03	523.46	523.46
115	410.52	431.69	431.69
120	334.15	351.64	351.64
125	299.61	315.47	315.47
130	335.72	353.29	353.29
135	430.07	452.19	452.19
140	550.72	578.74	578.74
145	675.15	709.30	709.30
150	789.35	829.14	829.14
155	883.80	928.28	928.28
160	951.93	999.80	999.80
165	989.78	1039.54	1039.54
170	995.90	1045.96	1045.96
175	971.28	1020.12	1020.12

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	919.15	965.39	965.40
185	844.51	887.04	888.47
190	753.74	791.77	796.94
195	654.10	687.20	697.82
200	553.39	581.53	607.44
205	459.87	483.43	545.93
210	382.11	401.90	422.43
215	328.23	345.44	360.82
220	302.59	318.59	325.62
225	301.73	317.69	318.54
230	315.66	332.28	332.28
235	334.11	351.60	351.60
240	350.02	368.27	368.27
245	359.50	378.20	381.35
250	360.80	379.56	382.70
255	353.71	372.14	372.14
260	339.46	357.21	357.21
265	321.21	338.08	338.08
270	304.93	321.04	321.04
275	300.09	315.97	315.97
280	317.40	334.10	334.10
285	362.83	381.69	381.69
290	434.08	456.38	456.38
295	523.71	550.40	550.40
300	623.12	654.69	654.69
305	723.93	760.49	760.49
310	818.21	859.44	859.44
315	898.49	943.71	944.08
320	958.10	1006.28	1009.29
325	991.54	1041.38	1048.73
330	995.01	1045.02	1057.43
335	966.80	1015.42	1032.69
340	907.60	953.27	974.41
345	820.60	861.95	885.27
350	711.57	747.52	770.82
355	589.04	618.94	639.67