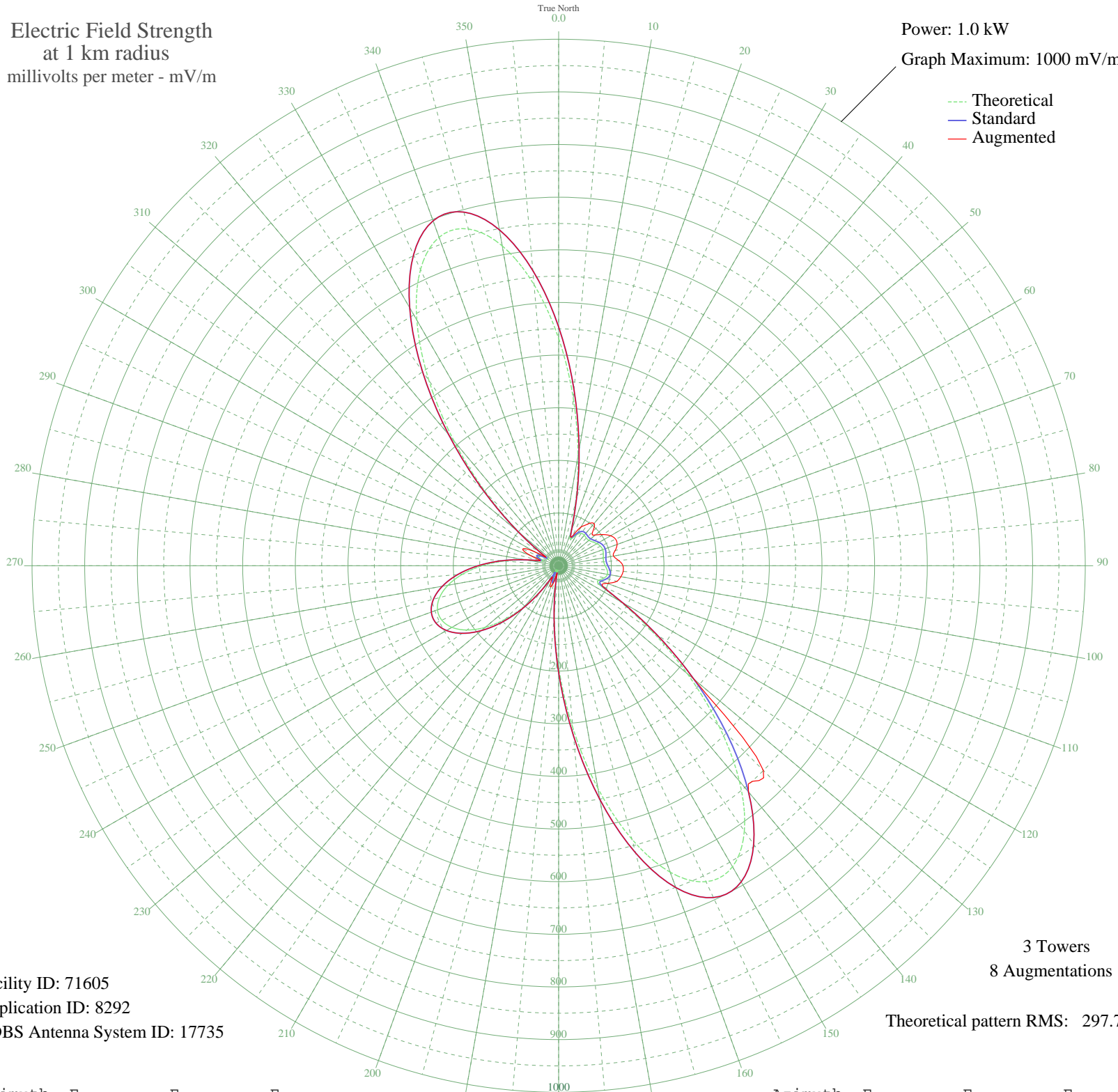


KZRG JOPLIN, MO BL-19790223AA 1310 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 71605
Application ID: 8292
CDBS Antenna System ID: 17735

3 Towers
8 Augmentations

Theoretical pattern RMS: 297.73

Azimuth	Etheo	Estd	Eaug
0	431.73	453.44	453.44
5	319.14	335.27	335.27
10	212.32	223.19	223.19
15	123.74	130.36	130.36
20	66.79	70.92	70.92
25	56.09	59.84	62.20
30	67.76	71.94	84.92
35	75.01	79.47	96.73
40	75.70	80.19	104.61
45	74.31	78.74	91.53
50	75.00	79.46	90.91
55	78.80	83.42	103.22
60	83.84	88.67	113.89
65	87.69	92.68	119.32
70	89.00	94.04	118.12
75	87.94	92.94	111.06
80	86.12	91.04	105.87
85	85.83	90.74	114.37
90	88.38	93.40	122.05
95	92.39	97.59	122.92
100	94.05	99.32	120.01
105	89.63	94.70	114.34
110	80.80	85.50	97.73
115	86.27	91.20	92.42
120	132.43	139.46	139.46
125	215.09	226.10	226.10
130	319.13	335.25	335.25
135	430.39	452.03	549.58
140	533.95	560.74	560.74
145	614.81	645.64	645.64
150	660.20	693.30	693.30
155	662.18	695.37	695.37
160	619.45	650.51	650.51
165	537.85	564.84	564.84
170	429.22	450.81	450.81
175	308.95	324.58	324.58

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	192.92	202.85	202.85
185	94.63	99.92	99.92
190	23.73	27.07	27.07
195	20.31	23.81	25.21
200	31.82	35.05	42.69
205	19.83	23.37	36.04
210	14.84	18.84	24.62
215	54.46	58.16	58.16
220	99.62	105.14	105.14
225	143.58	151.14	151.14
230	182.24	191.64	191.64
235	212.92	223.81	223.81
240	234.04	245.97	245.97
245	244.80	257.25	257.25
250	244.85	257.31	257.31
255	234.22	246.16	246.16
260	213.31	224.22	224.22
265	183.02	192.46	192.46
270	145.11	152.73	152.73
275	102.65	108.31	108.31
280	61.18	65.11	65.11
285	33.35	36.59	36.59
290	36.20	39.46	57.59
295	42.86	46.23	75.20
300	32.05	35.28	54.81
305	29.93	33.17	33.17
310	94.96	100.26	100.26
315	192.70	202.61	202.61
320	308.93	324.55	324.55
325	429.60	451.20	451.20
330	538.69	565.72	565.72
335	620.74	651.87	651.87
340	663.87	697.14	697.14
345	662.18	695.36	695.36
350	616.89	647.82	647.82
355	535.87	562.77	562.77