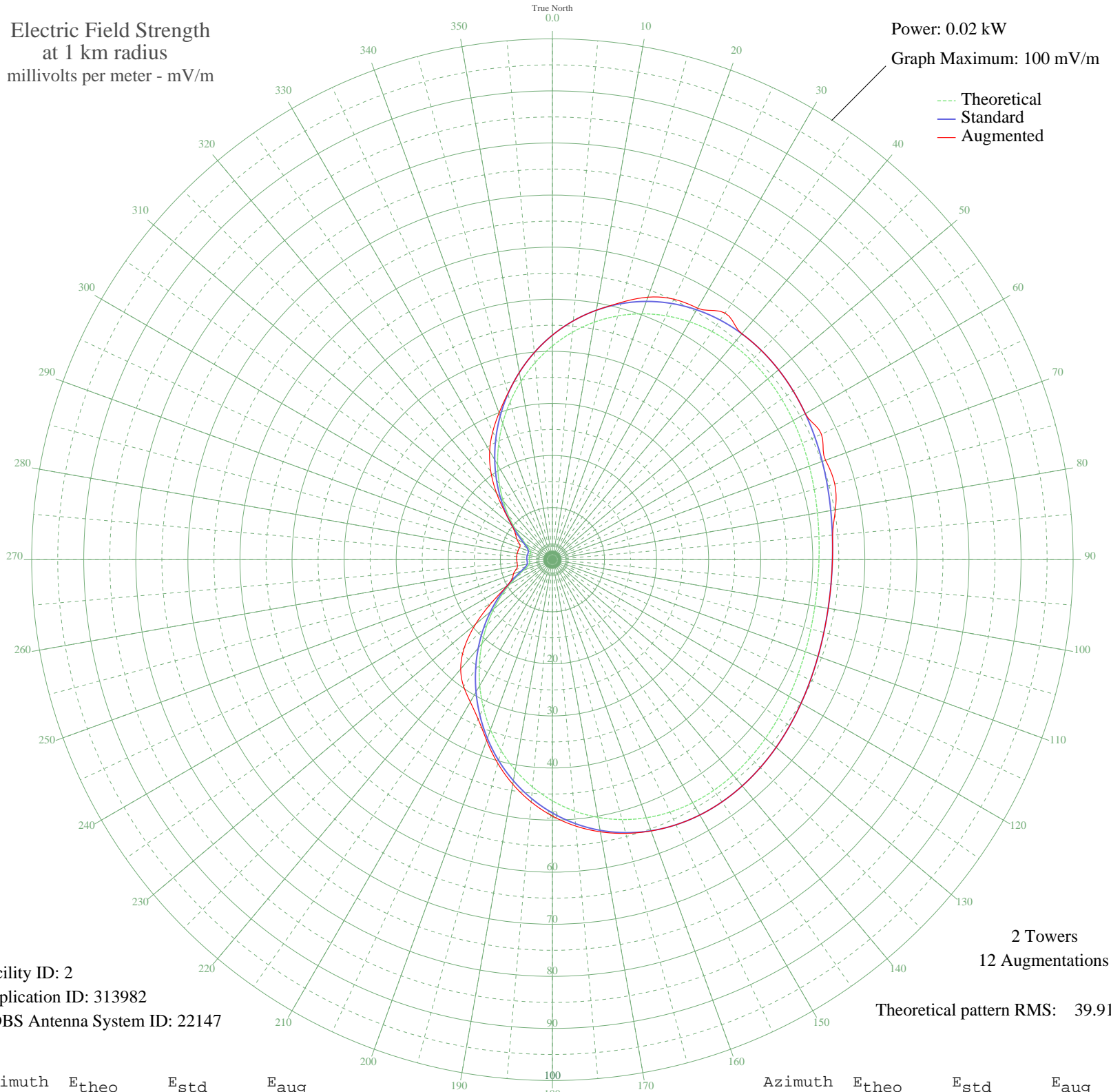


# KFMZ BROOKFIELD, MO BL-- 1470 kHz

Nighttime

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

Power: 0.02 kW  
Graph Maximum: 100 mV/m



Facility ID: 2  
Application ID: 313982  
CDBS Antenna System ID: 22147

2 Towers  
12 Augmentations

Theoretical pattern RMS: 39.91

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.03	43.10	43.10
5	43.81	46.02	46.02
10	46.29	48.63	48.63
15	48.44	50.88	51.15
20	50.23	52.76	53.63
25	51.66	54.26	55.18
30	52.73	55.39	55.75
35	53.47	56.16	57.80
40	53.90	56.61	56.61
45	54.06	56.78	56.78
50	53.99	56.71	56.71
55	53.75	56.46	56.46
60	53.39	56.08	56.08
65	52.96	55.62	57.00
70	52.50	55.14	55.82
75	52.06	54.68	56.13
80	51.68	54.28	55.19
85	51.38	53.97	54.01
90	51.20	53.78	53.78
95	51.13	53.71	53.71
100	51.20	53.78	53.78
105	51.38	53.97	53.97
110	51.68	54.28	54.28
115	52.06	54.68	54.68
120	52.50	55.14	55.14
125	52.96	55.62	55.62
130	53.39	56.08	56.08
135	53.75	56.46	56.46
140	53.99	56.71	56.71
145	54.06	56.78	56.78
150	53.90	56.61	56.61
155	53.47	56.16	56.16
160	52.73	55.39	55.43
165	51.66	54.26	54.41
170	50.23	52.76	53.06
175	48.44	50.88	51.34

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	46.29	48.63	49.23
185	43.81	46.02	46.70
190	41.03	43.10	43.78
195	37.99	39.91	40.50
200	34.74	36.51	36.94
205	31.36	32.96	33.77
210	27.90	29.33	31.54
215	24.44	25.70	29.71
220	21.04	22.14	27.40
225	17.78	18.72	23.94
230	14.71	15.52	19.26
235	11.92	12.60	14.03
240	9.46	10.04	10.04
245	7.41	7.92	8.48
250	5.87	6.34	7.96
255	4.89	5.35	7.18
260	4.46	4.91	6.82
265	4.39	4.84	6.80
270	4.45	4.90	6.86
275	4.48	4.94	6.90
280	4.45	4.90	6.86
285	4.39	4.84	6.80
290	4.46	4.91	6.72
295	4.89	5.35	6.92
300	5.87	6.34	7.88
305	7.41	7.92	8.67
310	9.46	10.04	10.10
315	11.92	12.60	12.84
320	14.71	15.52	16.68
325	17.78	18.72	20.61
330	21.04	22.14	24.10
335	24.44	25.70	27.11
340	27.90	29.33	29.96
345	31.36	32.96	33.05
350	34.74	36.51	36.51
355	37.99	39.91	39.91