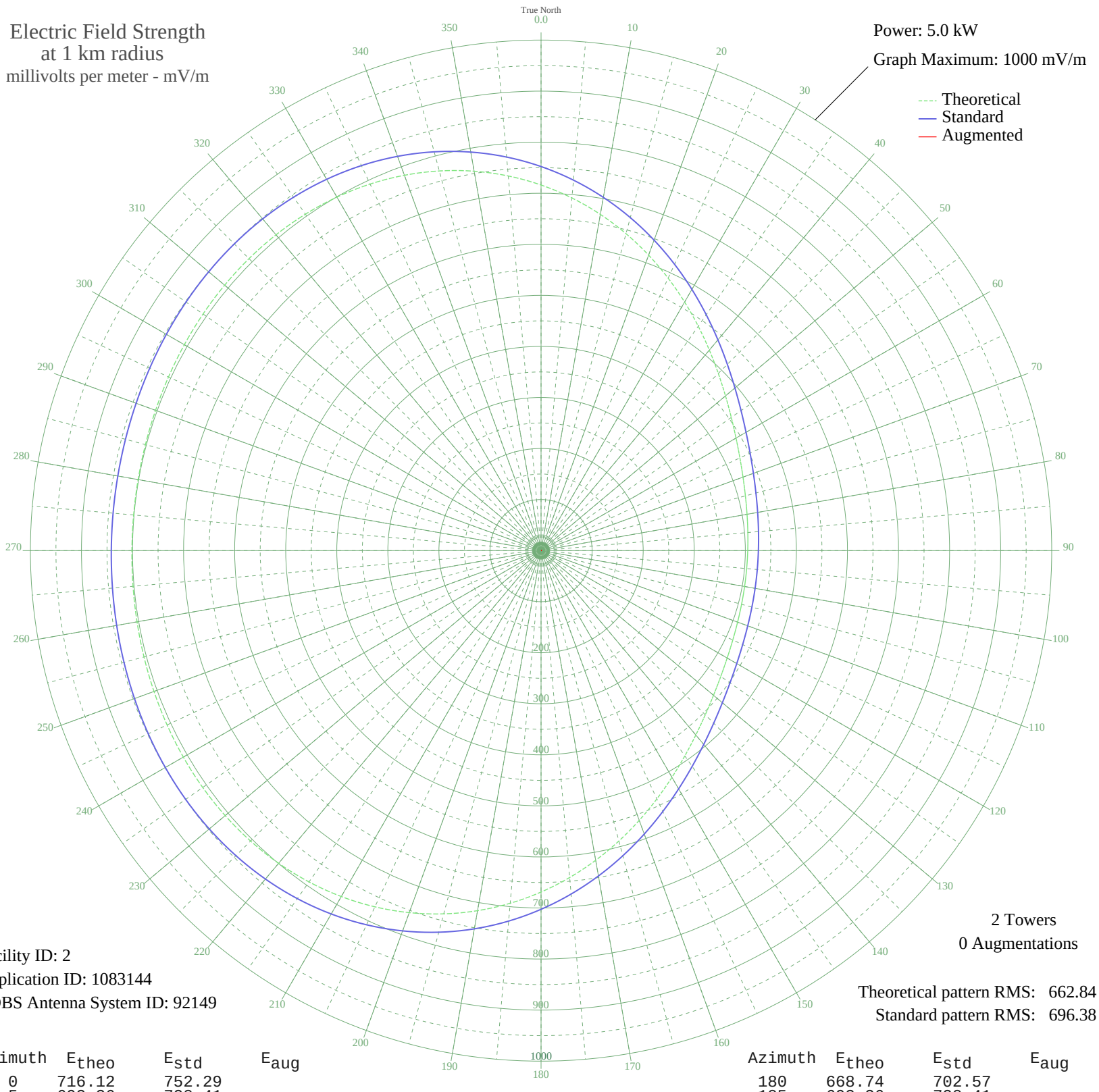
KFMZ BROOKFIELD, MO BMJP-20051028ABI 1210 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 2
Application ID: 1083144
CDBS Antenna System ID: 92149

Theoretical pattern RMS: 662.84
Standard pattern RMS: 696.38

Azimuth	E_{theo}	E_{std}	E_{aug}
0	716.12	752.29	
5	693.36	728.41	
10	668.74	702.57	
15	642.73	675.27	
20	615.89	647.11	
25	588.84	618.73	
30	562.22	590.80	
35	536.64	563.96	
40	512.69	538.84	
45	490.84	515.92	
50	471.47	495.60	
55	454.79	478.11	
60	440.87	463.50	
65	429.62	451.71	
70	420.85	442.52	
75	414.28	435.62	
80	409.59	430.71	
85	406.49	427.46	
90	404.73	425.62	
95	404.17	425.02	
100	404.73	425.62	
105	406.49	427.46	
110	409.59	430.71	
115	414.28	435.62	
120	420.85	442.52	
125	429.62	451.71	
130	440.87	463.50	
135	454.79	478.11	
140	471.47	495.60	
145	490.84	515.92	
150	512.69	538.84	
155	536.64	563.96	
160	562.22	590.80	
165	588.84	618.73	
170	615.89	647.11	
175	642.73	675.27	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	668.74	702.57	
185	693.36	728.41	
190	716.12	752.29	
195	736.61	773.80	
200	754.58	792.65	
205	769.84	808.67	
210	782.35	821.80	
215	792.17	832.11	
220	799.47	839.77	
225	804.46	845.01	
230	807.46	848.16	
235	808.81	849.57	
240	808.87	849.64	
245	808.01	848.74	
250	806.60	847.26	
255	804.96	845.53	
260	803.37	843.86	
265	802.06	842.49	
270	801.20	841.59	
275	800.91	841.28	
280	801.20	841.59	
285	802.06	842.49	
290	803.37	843.86	
295	804.96	845.53	
300	806.60	847.26	
305	808.01	848.74	
310	808.87	849.64	
315	808.81	849.57	
320	807.46	848.16	
325	804.46	845.01	
330	799.47	839.77	
335	792.17	832.11	
340	782.35	821.80	
345	769.84	808.67	
350	754.58	792.65	
355	736.61	773.80	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission