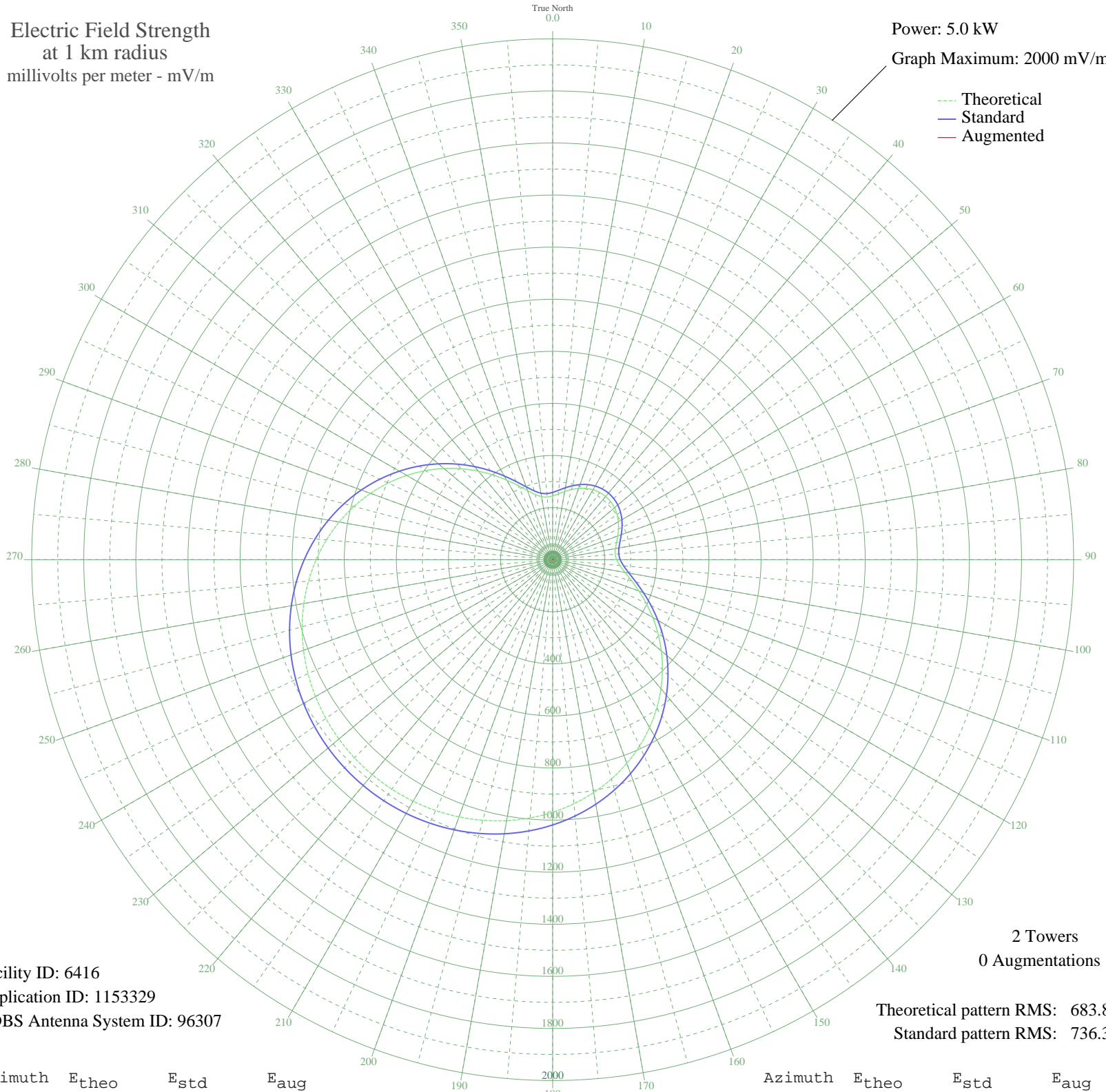


# KFFF BOONE, IA BML-20060919AFH 1260 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 6416  
Application ID: 1153329  
CDBS Antenna System ID: 96307

2 Towers  
0 Augmentations

Theoretical pattern RMS: 683.80  
Standard pattern RMS: 736.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	244.83	258.36	
5	253.74	267.68	
10	265.75	280.22	
15	278.75	293.82	
20	291.15	306.79	
25	301.79	317.93	
30	309.88	326.39	
35	314.92	331.67	
40	316.63	333.46	
45	314.92	331.67	
50	309.88	326.39	
55	301.79	317.93	
60	291.15	306.79	
65	278.75	293.82	
70	265.75	280.23	
75	253.74	267.68	
80	244.83	258.36	
85	241.43	254.81	
90	245.81	259.39	
95	259.42	273.61	
100	282.45	297.69	
105	313.96	330.66	
110	352.40	370.91	
115	396.11	416.71	
120	443.56	466.45	
125	493.41	518.72	
130	544.52	572.32	
135	595.91	626.24	
140	646.76	679.59	
145	696.35	731.62	
150	744.08	781.71	
155	789.45	829.33	
160	832.07	874.05	
165	871.61	915.55	
170	907.85	953.59	
175	940.64	988.01	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	969.88	1018.70	
185	995.53	1045.62	
190	1017.60	1068.79	
195	1036.13	1088.25	
200	1051.18	1104.04	
205	1062.79	1116.23	
210	1071.04	1124.89	
215	1075.97	1130.06	
220	1077.60	1131.78	
225	1075.97	1130.06	
230	1071.04	1124.89	
235	1062.79	1116.23	
240	1051.18	1104.04	
245	1036.13	1088.25	
250	1017.60	1068.79	
255	995.53	1045.62	
260	969.88	1018.70	
265	940.64	988.01	
270	907.85	953.59	
275	871.61	915.55	
280	832.07	874.05	
285	789.45	829.33	
290	744.08	781.71	
295	696.35	731.62	
300	646.76	679.59	
305	595.91	626.24	
310	544.52	572.32	
315	493.41	518.72	
320	443.56	466.45	
325	396.11	416.71	
330	352.40	370.91	
335	313.96	330.66	
340	282.45	297.69	
345	259.42	273.61	
350	245.81	259.39	
355	241.43	254.81	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission