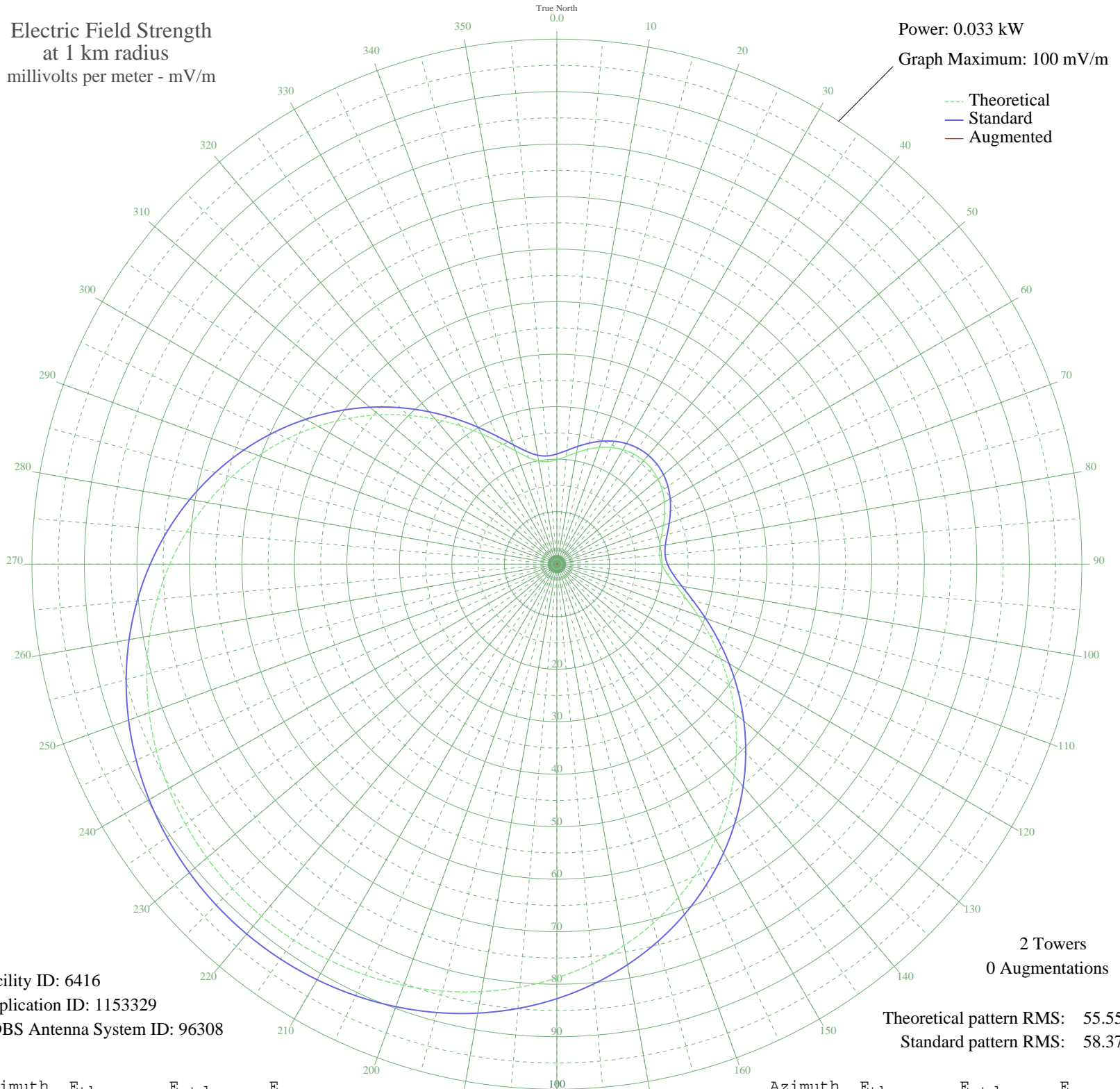


KFFF BOONE, IA BML-20060919AFH 1260 kHz

Nighttime

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

Power: 0.033 kW
Graph Maximum: 100 mV/m



Facility ID: 6416
Application ID: 1153329
CDBS Antenna System ID: 96308

2 Towers
0 Augmentations

Theoretical pattern RMS: 55.55
Standard pattern RMS: 58.37

Azimuth	E _{theo}	E _{std}	E _{aug}
0	19.89	20.99	
5	20.61	21.75	
10	21.59	22.76	
15	22.65	23.87	
20	23.65	24.92	
25	24.52	25.83	
30	25.17	26.52	
35	25.58	26.94	
40	25.72	27.09	
45	25.58	26.94	
50	25.17	26.52	
55	24.52	25.83	
60	23.65	24.92	
65	22.65	23.87	
70	21.59	22.76	
75	20.61	21.75	
80	19.89	20.99	
85	19.61	20.70	
90	19.97	21.07	
95	21.07	22.23	
100	22.95	24.18	
105	25.51	26.86	
110	28.63	30.13	
115	32.18	33.85	
120	36.03	37.89	
125	40.08	42.14	
130	44.23	46.49	
135	48.41	50.87	
140	52.54	55.21	
145	56.57	59.43	
150	60.45	63.50	
155	64.13	67.37	
160	67.59	71.01	
165	70.81	74.38	
170	73.75	77.47	
175	76.41	80.26	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	78.79	82.76	
185	80.87	84.94	
190	82.67	86.83	
195	84.17	88.41	
200	85.39	89.69	
205	86.34	90.68	
210	87.01	91.38	
215	87.41	91.80	
220	87.54	91.94	
225	87.41	91.80	
230	87.01	91.38	
235	86.34	90.68	
240	85.39	89.69	
245	84.17	88.41	
250	82.67	86.83	
255	80.87	84.94	
260	78.79	82.76	
265	76.41	80.26	
270	73.75	77.47	
275	70.81	74.38	
280	67.59	71.01	
285	64.13	67.37	
290	60.45	63.50	
295	56.57	59.43	
300	52.54	55.21	
305	48.41	50.87	
310	44.23	46.49	
315	40.08	42.14	
320	36.03	37.89	
325	32.18	33.85	
330	28.63	30.13	
335	25.51	26.86	
340	22.95	24.18	
345	21.07	22.23	
350	19.97	21.07	
355	19.61	20.70	

13 Nov 2009

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Federal Communications Commission