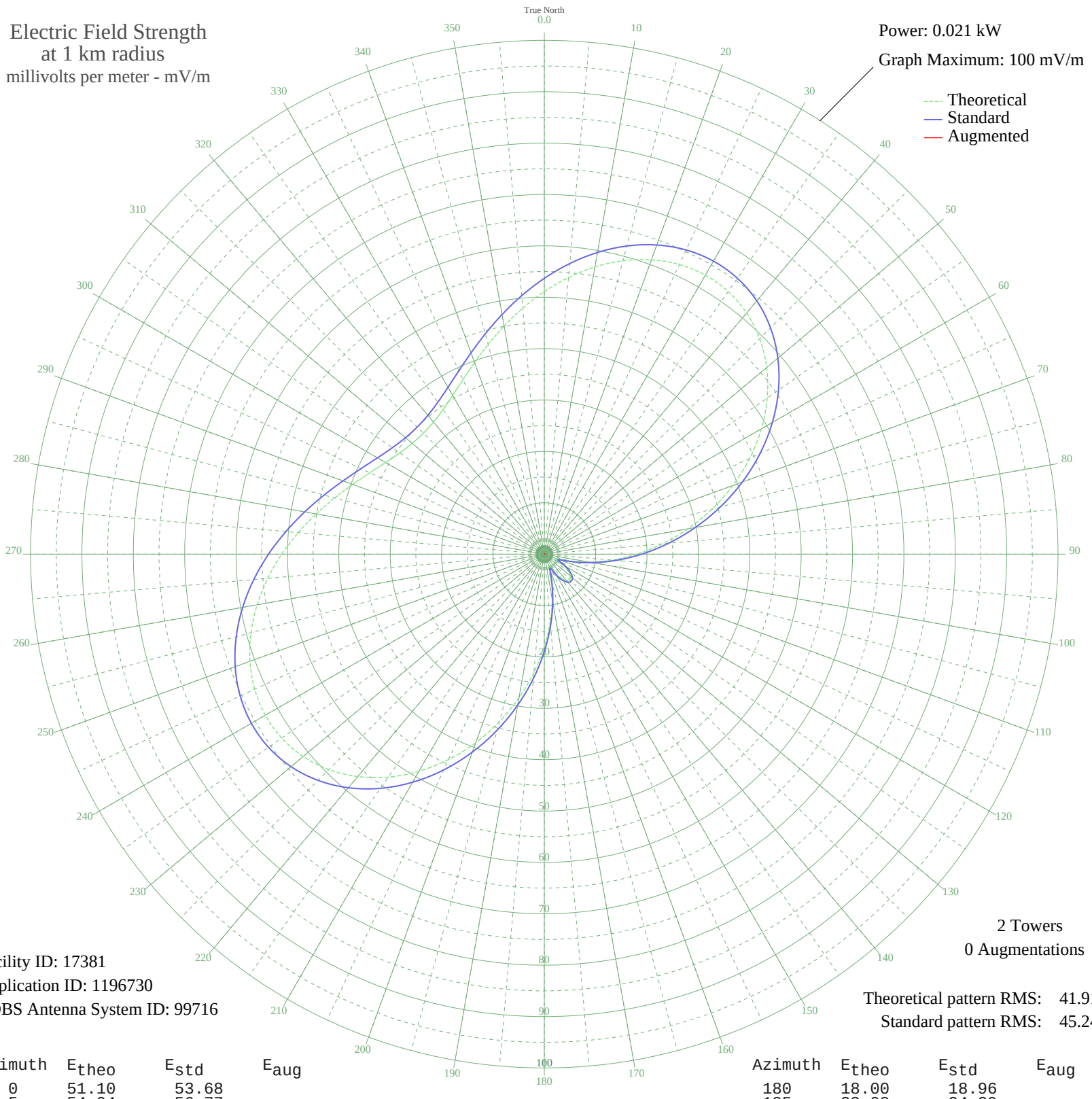
WNWC SUN PRAIRIE, WI BL-20070723AFL 1190 kHz

Nighttime



Facility ID: 17381
Application ID: 1196730
CDBS Antenna System ID: 99716

2 Towers
0 Augmentations

Theoretical pattern RMS: 41.91
Standard pattern RMS: 45.24

Azimuth	E_{theo}	E_{std}	E_{aug}
0	51.10	53.68	
5	54.04	56.77	
10	56.76	59.62	
15	59.11	62.09	
20	60.96	64.03	
25	62.19	65.32	
30	62.70	65.85	
35	62.40	65.54	
40	61.27	64.35	
45	59.29	62.28	
50	56.50	59.35	
55	52.97	55.64	
60	48.80	51.26	
65	44.11	46.34	
70	39.04	41.02	
75	33.75	35.47	
80	28.38	29.84	
85	23.08	24.29	
90	18.00	18.96	
95	13.24	13.99	
100	8.93	9.50	
105	5.24	5.70	
110	2.63	3.16	
115	2.72	3.23	
120	4.33	4.80	
125	5.75	6.22	
130	6.63	7.13	
135	6.93	7.44	
140	6.63	7.13	
145	5.75	6.22	
150	4.33	4.80	
155	2.72	3.23	
160	2.63	3.16	
165	5.24	5.70	
170	8.93	9.50	
175	13.24	13.99	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	18.00	18.96	
185	23.08	24.29	
190	28.38	29.84	
195	33.75	35.47	
200	39.04	41.02	
205	44.11	46.34	
210	48.80	51.26	
215	52.97	55.64	
220	56.50	59.35	
225	59.29	62.28	
230	61.27	64.35	
235	62.40	65.54	
240	62.70	65.85	
245	62.19	65.32	
250	60.96	64.03	
255	59.11	62.09	
260	56.76	59.62	
265	54.04	56.77	
270	51.10	53.68	
275	48.07	50.49	
280	45.08	47.35	
285	42.25	44.39	
290	39.68	41.69	
295	37.47	39.37	
300	35.68	37.49	
305	34.36	36.11	
310	33.55	35.27	
315	33.28	34.98	
320	33.55	35.27	
325	34.36	36.11	
330	35.68	37.49	
335	37.47	39.37	
340	39.68	41.69	
345	42.25	44.39	
350	45.08	47.35	
355	48.07	50.49	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission