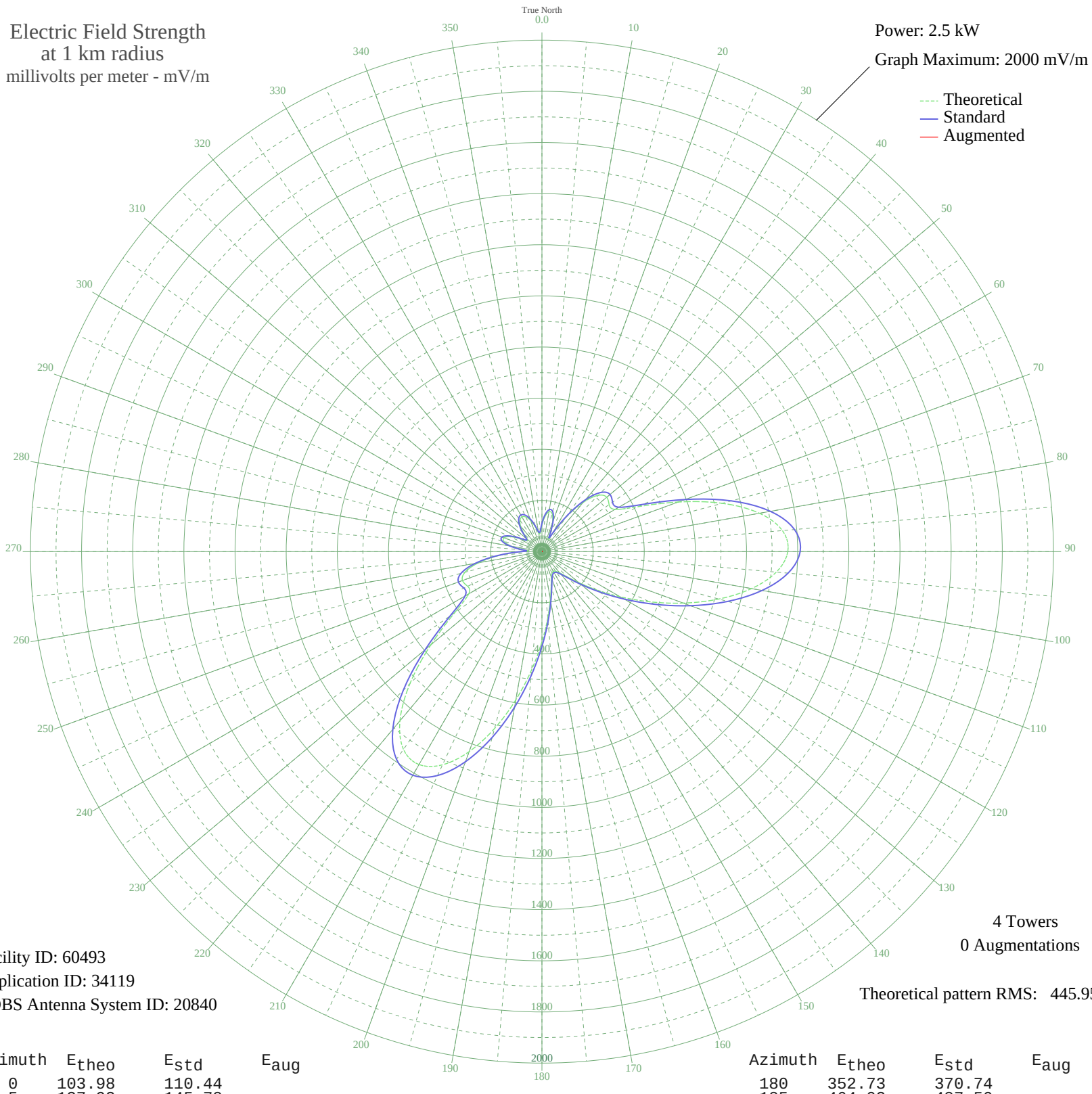
KXSS WAITE PARK, MN BL-19810922AC 1390 kHz

Daytime

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



Power: 2.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 60493
Application ID: 34119
CDBS Antenna System ID: 20840

Theoretical pattern RMS: 445.95

Azimuth	E_{theo}	E_{std}	E_{aug}
0	103.98	110.44	
5	137.93	145.78	
10	158.02	166.75	
15	153.72	162.25	
20	120.32	127.42	
25	66.83	72.10	
30	75.61	81.11	
35	163.89	172.88	
40	251.78	264.89	
45	311.44	327.43	
50	330.66	347.59	
55	320.53	336.97	
60	330.26	347.17	
65	416.67	437.81	
70	567.08	595.67	
75	729.96	766.64	
80	863.81	907.16	
85	944.00	991.34	
90	961.40	1009.61	
95	919.90	966.04	
100	832.39	874.17	
105	716.16	752.15	
110	588.54	618.19	
115	464.02	487.50	
120	352.73	370.74	
125	260.47	274.00	
130	189.50	199.67	
135	139.61	147.52	
140	108.74	115.38	
145	93.17	99.23	
150	88.63	94.53	
155	93.17	99.23	
160	108.74	115.38	
165	139.61	147.52	
170	189.50	199.67	
175	260.47	274.00	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	352.73	370.74	
185	464.02	487.50	
190	588.54	618.19	
195	716.16	752.15	
200	832.39	874.17	
205	919.90	966.04	
210	961.40	1009.61	
215	944.00	991.34	
220	863.81	907.16	
225	729.96	766.64	
230	567.08	595.67	
235	416.67	437.81	
240	330.26	347.17	
245	320.53	336.97	
250	330.66	347.59	
255	311.44	327.43	
260	251.78	264.89	
265	163.89	172.88	
270	75.61	81.11	
275	66.83	72.10	
280	120.32	127.42	
285	153.72	162.25	
290	158.02	166.75	
295	137.93	145.78	
300	103.98	110.44	
305	73.90	79.35	
310	73.73	79.17	
315	100.48	106.80	
320	129.59	137.08	
325	149.68	158.04	
330	156.72	165.39	
335	149.68	158.04	
340	129.59	137.08	
345	100.48	106.80	
350	73.73	79.17	
355	73.90	79.35	

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