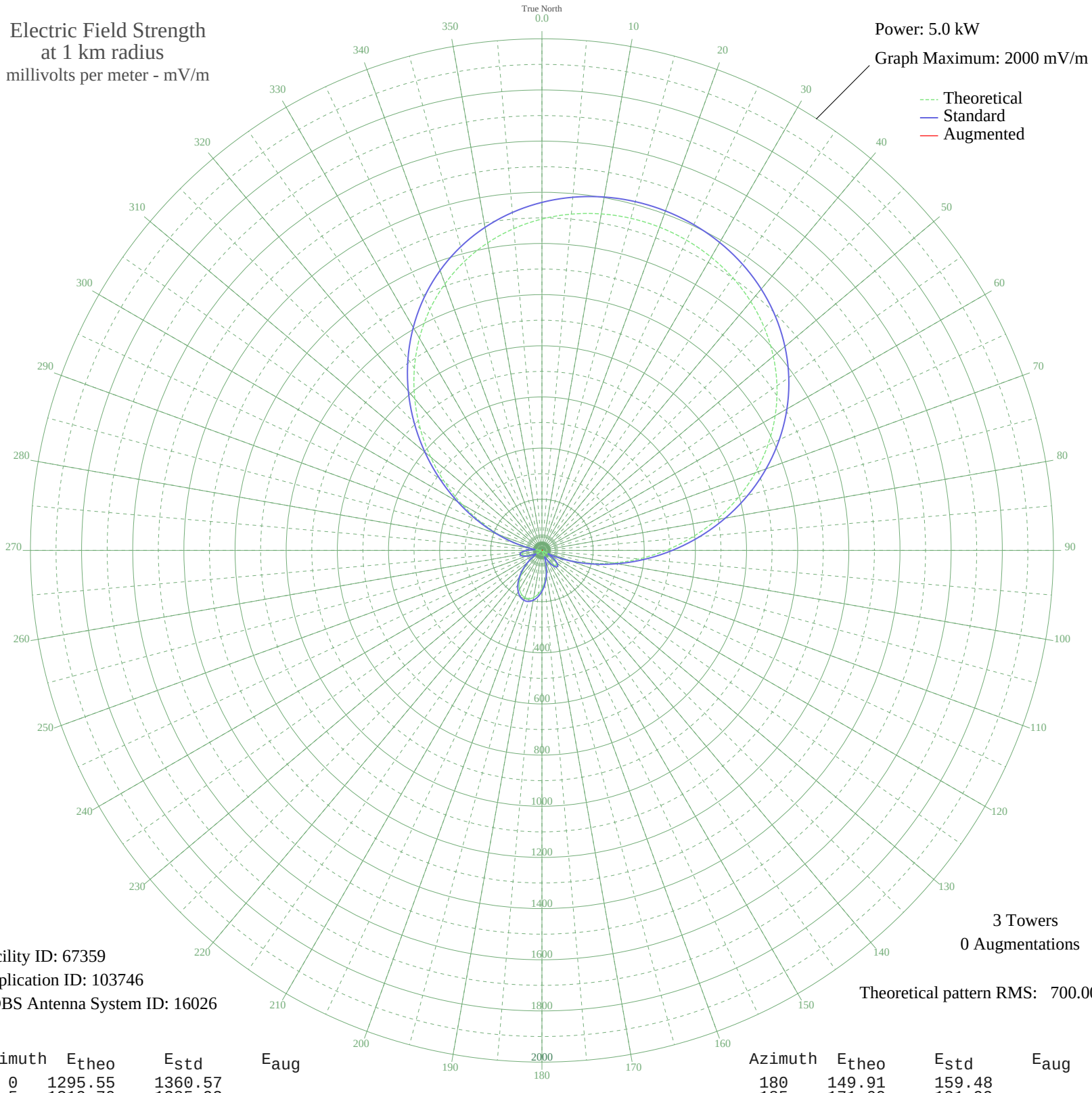
WWWI BAXTER, MN BL-19870720AG 1270 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 67359
Application ID: 103746
CDBS Antenna System ID: 16026

Theoretical pattern RMS: 700.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1295.55	1360.57	
5	1319.70	1385.93	
10	1335.75	1402.78	
15	1344.05	1411.49	
20	1344.80	1412.28	
25	1338.02	1405.16	
30	1323.55	1389.96	
35	1301.05	1366.35	
40	1270.09	1333.85	
45	1230.19	1291.95	
50	1180.88	1240.19	
55	1121.88	1178.25	
60	1053.12	1106.07	
65	974.88	1023.95	
70	887.91	932.66	
75	793.41	833.47	
80	693.11	728.22	
85	589.23	619.22	
90	484.38	509.25	
95	381.45	401.35	
100	283.43	298.70	
105	193.20	204.48	
110	113.37	121.77	
115	46.05	54.74	
120	7.27	26.77	
125	45.80	54.51	
130	69.53	77.39	
135	79.16	86.99	
140	76.02	83.85	
145	61.95	69.93	
150	39.16	48.47	
155	10.03	27.74	
160	22.98	35.23	
165	57.52	65.63	
170	91.42	99.36	
175	122.75	131.42	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	149.91	159.48	
185	171.60	181.99	
190	186.85	197.86	
195	195.02	206.37	
200	195.77	207.15	
205	189.06	200.17	
210	175.19	185.73	
215	154.72	164.47	
220	128.56	137.41	
225	97.95	106.00	
230	64.42	72.35	
235	29.84	40.50	
240	3.66	25.95	
245	33.76	43.76	
250	58.02	66.10	
255	74.02	81.84	
260	79.50	87.34	
265	72.55	80.39	
270	51.72	60.06	
275	16.17	30.77	
280	34.23	44.16	
285	98.85	106.91	
290	176.33	186.91	
295	264.67	279.09	
300	361.36	380.30	
305	463.55	487.40	
310	568.25	597.21	
315	672.54	706.63	
320	773.75	812.84	
325	869.56	913.40	
330	958.16	1006.39	
335	1038.21	1090.42	
340	1108.90	1164.63	
345	1169.86	1228.63	
350	1221.09	1282.40	
355	1262.84	1326.23	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission