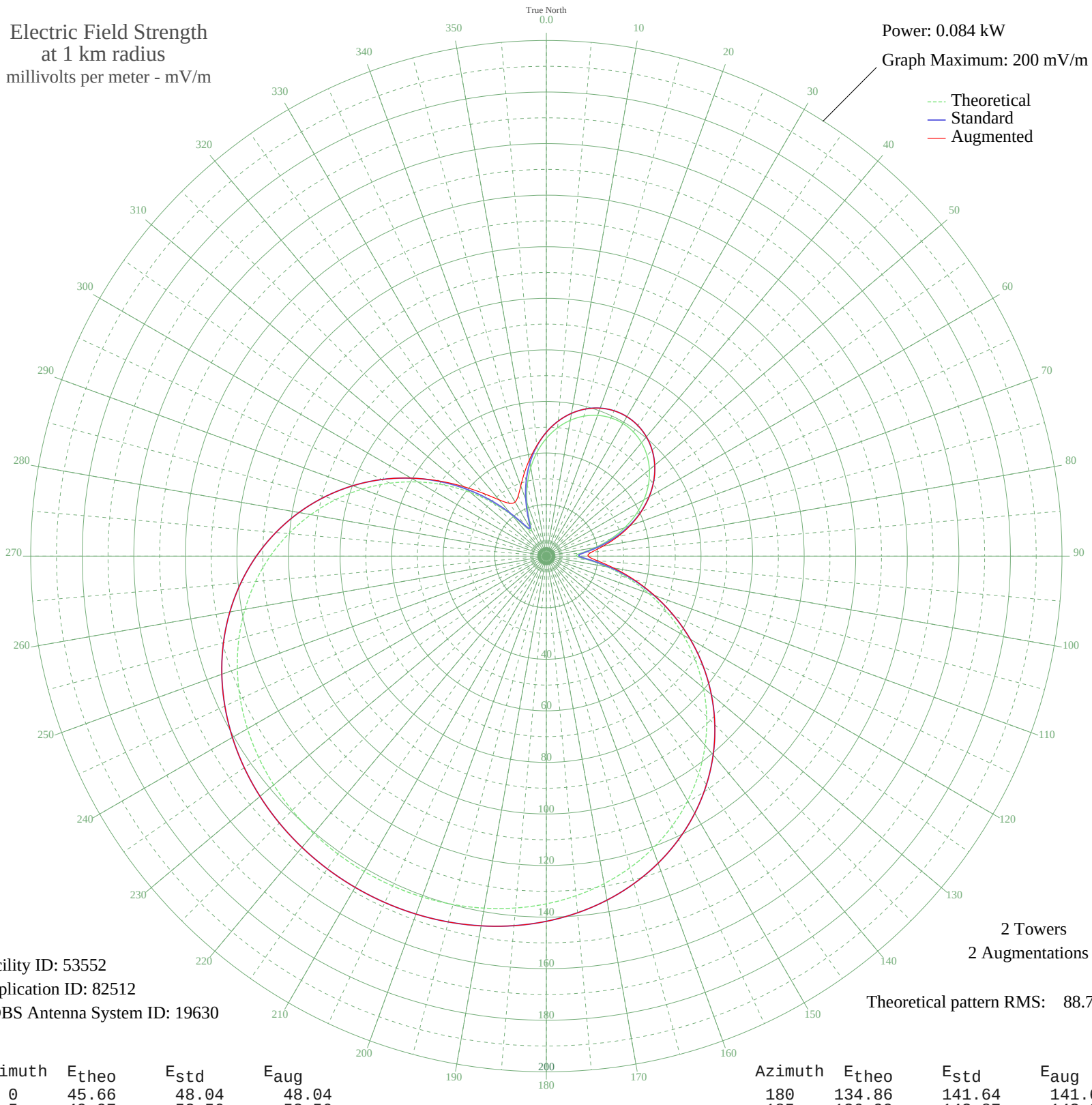
KWMO WASHINGTON, MO BL-19851011AG 1350 kHz

Nighttime

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



Power: 0.084 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
2 Augmentations

Facility ID: 53552
Application ID: 82512
CDBS Antenna System ID: 19630

Theoretical pattern RMS: 88.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	45.66	48.04	48.04
5	49.97	52.56	52.56
10	53.49	56.25	56.25
15	56.20	59.09	59.09
20	58.10	61.08	61.08
25	59.17	62.21	62.21
30	59.42	62.47	62.47
35	58.84	61.86	61.86
40	57.44	60.39	60.39
45	55.22	58.06	58.06
50	52.18	54.87	54.87
55	48.34	50.85	50.85
60	43.73	46.02	46.02
65	38.39	40.42	40.54
70	32.39	34.15	34.60
75	25.90	27.37	28.40
80	19.26	20.45	22.39
85	13.51	14.51	17.62
90	11.65	12.60	16.21
95	16.02	17.10	19.66
100	23.78	25.15	26.57
105	32.76	34.53	35.20
110	42.22	44.43	44.68
115	51.81	54.49	54.53
120	61.33	64.47	64.47
125	70.61	74.20	74.20
130	79.52	83.55	83.55
135	87.95	92.40	92.40
140	95.82	100.65	100.65
145	103.06	108.25	108.25
150	109.62	115.14	115.14
155	115.49	121.31	121.31
160	120.67	126.74	126.74
165	125.16	131.45	131.45
170	128.99	135.48	135.48
175	132.21	138.86	138.86

Azimuth	E_{theo}	E_{std}	E_{aug}
180	134.86	141.64	141.64
185	136.99	143.87	143.87
190	138.64	145.60	145.60
195	139.86	146.88	146.88
200	140.68	147.75	147.75
205	141.14	148.23	148.23
210	141.25	148.34	148.34
215	141.00	148.08	148.08
220	140.40	147.45	147.45
225	139.42	146.42	146.42
230	138.03	144.97	144.97
235	136.20	143.04	143.04
240	133.87	140.59	140.59
245	131.00	137.58	137.58
250	127.53	133.95	133.95
255	123.44	129.65	129.65
260	118.68	124.65	124.65
265	113.23	118.93	118.93
270	107.08	112.47	112.47
275	100.24	105.30	105.30
280	92.74	97.43	97.43
285	84.64	88.92	88.92
290	76.00	79.86	79.86
295	66.93	70.34	70.34
300	57.54	60.49	60.50
305	47.97	50.46	50.87
310	38.40	40.44	41.99
315	29.08	30.69	34.35
320	20.46	21.69	28.50
325	13.66	14.66	25.04
330	11.64	12.60	24.25
335	15.57	16.63	25.81
340	21.90	23.19	28.99
345	28.54	30.12	33.17
350	34.86	36.73	37.92
355	40.61	42.75	42.96

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission