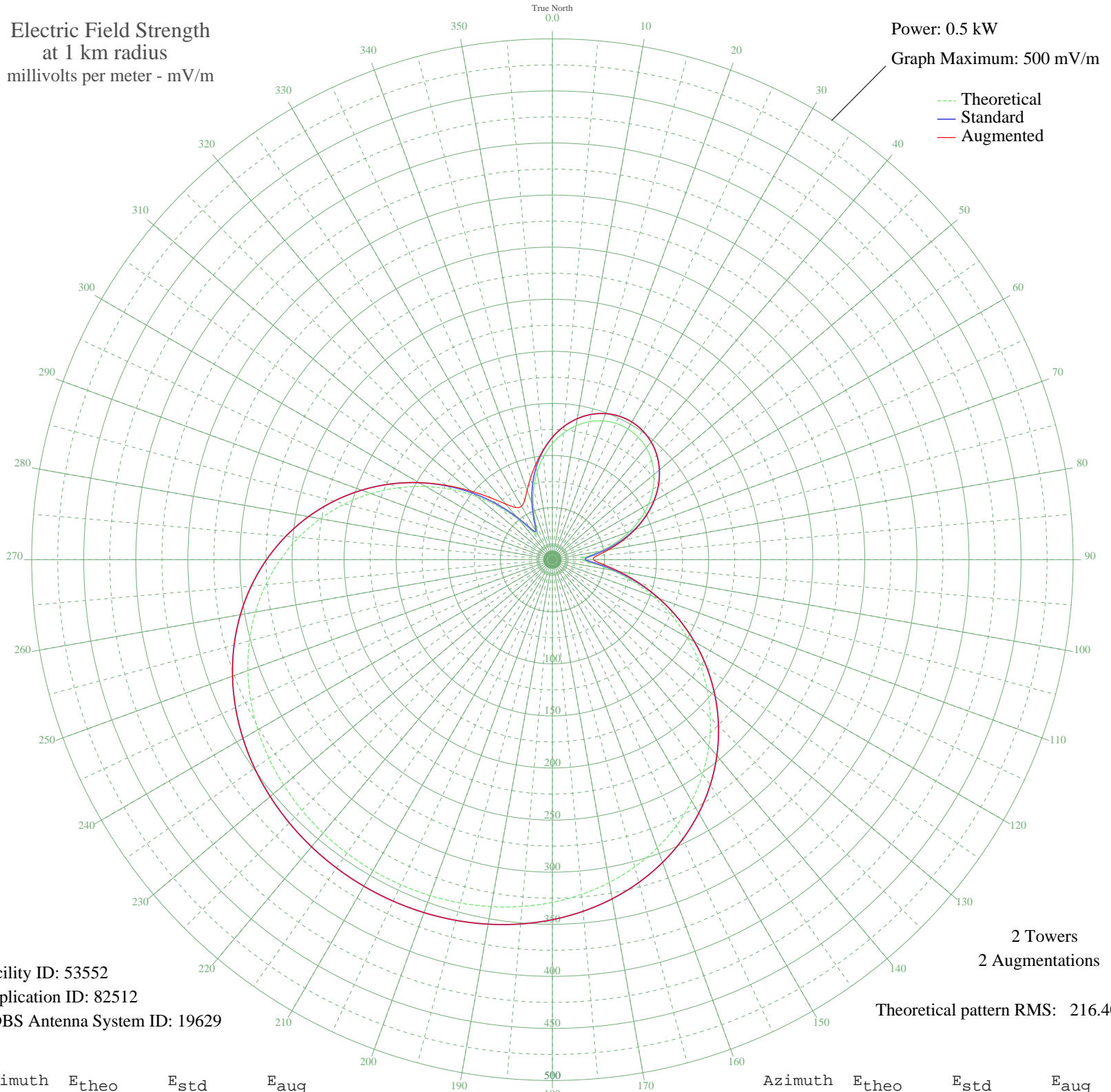


# KWMO WASHINGTON, MO BL-19851011AG 1350 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 53552  
Application ID: 82512  
CDBS Antenna System ID: 19629

2 Towers  
2 Augmentations

Theoretical pattern RMS: 216.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	111.40	117.45	117.45
5	121.91	128.44	128.44
10	130.50	137.43	137.43
15	137.12	144.36	144.36
20	141.75	149.20	149.20
25	144.37	151.95	151.95
30	144.97	152.58	152.58
35	143.56	151.10	151.10
40	140.14	147.52	147.52
45	134.71	141.84	141.84
50	127.30	134.08	134.08
55	117.94	124.28	124.28
60	106.68	112.51	112.51
65	93.65	98.89	99.16
70	79.03	83.64	84.63
75	63.19	67.17	69.43
80	46.99	50.45	54.67
85	32.95	36.16	42.92
90	28.41	31.63	39.47
95	39.09	42.36	47.96
100	58.01	61.81	64.91
105	79.93	84.58	86.05
110	103.00	108.66	109.19
115	126.40	133.14	133.23
120	149.62	157.45	157.45
125	172.26	181.18	181.18
130	194.00	203.97	203.97
135	214.57	225.54	225.54
140	233.76	245.68	245.68
145	251.42	264.20	264.20
150	267.44	281.01	281.01
155	281.77	296.04	296.04
160	294.39	309.29	309.29
165	305.34	320.78	320.78
170	314.70	330.60	330.60
175	322.56	338.85	338.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	329.02	345.63	345.63
185	334.21	351.07	351.07
190	338.24	355.30	355.30
195	341.21	358.43	358.43
200	343.23	360.54	360.54
205	344.34	361.71	361.71
210	344.60	361.98	361.98
215	344.00	361.35	361.35
220	342.53	359.81	359.81
225	340.14	357.30	357.30
230	336.76	353.75	353.75
235	332.28	349.05	349.05
240	326.59	343.08	343.08
245	319.59	335.73	335.73
250	311.14	326.87	326.87
255	301.16	316.39	316.39
260	289.54	304.20	304.20
265	276.24	290.24	290.24
270	261.24	274.50	274.50
275	244.55	256.99	256.99
280	226.26	237.81	237.81
285	206.49	217.07	217.07
290	185.43	194.98	194.98
295	163.29	171.78	171.78
300	140.38	147.77	147.80
305	117.04	123.34	124.31
310	93.70	98.94	102.64
315	70.96	75.24	83.96
320	49.91	53.44	69.66
325	33.33	36.54	61.16
330	28.40	31.62	59.22
335	37.99	41.25	63.06
340	53.42	57.06	70.89
345	69.63	73.86	81.13
350	85.05	89.92	92.75
355	99.07	104.55	105.07

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