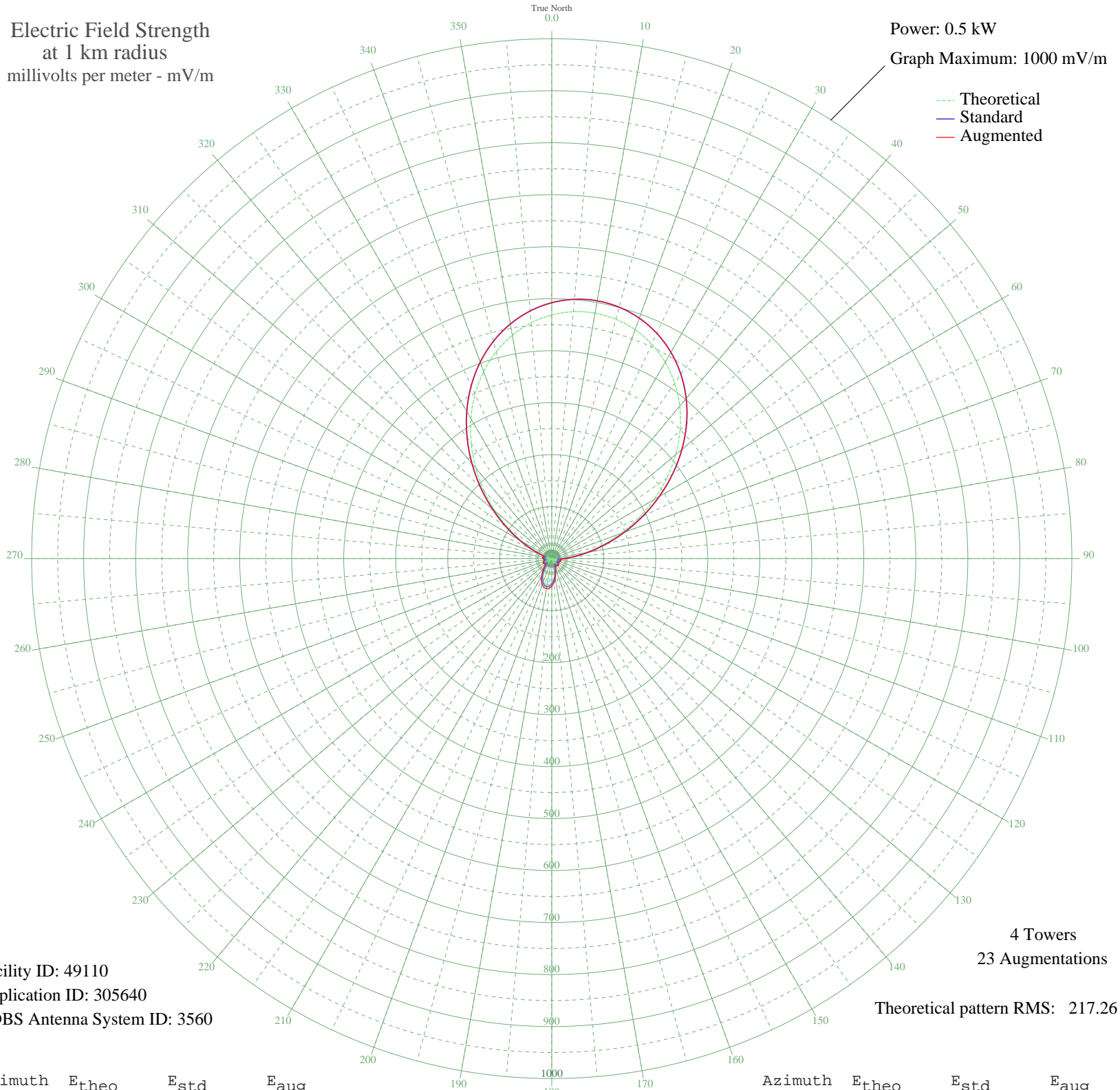


# WMNI COLUMBUS, OH BL-- 920 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 49110  
Application ID: 305640  
CDBS Antenna System ID: 3560

4 Towers  
23 Augmentations  
Theoretical pattern RMS: 217.26

Azimuth	Etheo	Estd	Eaug
0	468.69	492.24	492.24
5	476.78	500.73	500.73
10	479.47	503.56	503.56
15	476.78	500.73	500.73
20	468.69	492.24	492.24
25	455.19	478.07	478.07
30	436.31	458.25	458.25
35	412.12	432.86	432.86
40	382.85	402.14	402.14
45	348.91	366.51	366.51
50	310.95	326.67	326.67
55	269.90	283.60	283.60
60	226.98	238.57	238.57
65	183.64	193.12	193.12
70	141.51	148.98	148.98
75	102.25	107.91	107.91
80	67.42	71.61	71.61
85	38.29	41.63	41.63
90	15.73	19.72	28.55
95	0.06	10.77	16.09
100	8.96	14.30	17.54
105	12.11	16.66	18.20
110	10.63	15.51	16.83
115	6.03	12.50	15.18
120	0.04	10.77	14.48
125	6.07	12.51	13.20
130	10.75	15.61	17.06
135	13.17	17.53	18.20
140	12.82	17.24	18.02
145	9.61	14.76	17.02
150	3.82	11.49	15.85
155	3.99	11.56	17.11
160	13.07	17.44	24.14
165	22.57	26.03	28.71
170	31.68	34.96	38.79
175	39.63	42.98	47.15

Azimuth	Etheo	Estd	Eaug
180	45.78	49.26	53.11
185	49.67	53.25	57.15
190	50.99	54.62	58.58
195	49.67	53.25	57.32
200	45.78	49.26	53.65
205	39.63	42.98	47.96
210	31.68	34.96	39.52
215	22.57	26.03	30.82
220	13.07	17.44	24.94
225	3.99	11.56	18.86
230	3.82	11.49	16.09
235	9.61	14.76	17.17
240	12.82	17.24	18.02
245	13.17	17.53	18.57
250	10.75	15.60	17.06
255	6.07	12.51	15.00
260	0.04	10.77	14.32
265	6.03	12.50	14.17
270	10.63	15.51	15.51
275	12.11	16.66	18.36
280	8.96	14.30	17.38
285	0.06	10.77	16.09
290	15.73	19.72	19.72
295	38.29	41.63	41.63
300	67.42	71.61	71.61
305	102.26	107.91	107.91
310	141.51	148.98	148.98
315	183.64	193.13	193.13
320	226.98	238.57	238.57
325	269.90	283.60	283.60
330	310.95	326.67	326.67
335	348.91	366.51	366.51
340	382.85	402.14	402.14
345	412.12	432.86	432.86
350	436.31	458.25	458.25
355	455.19	478.07	478.07

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission