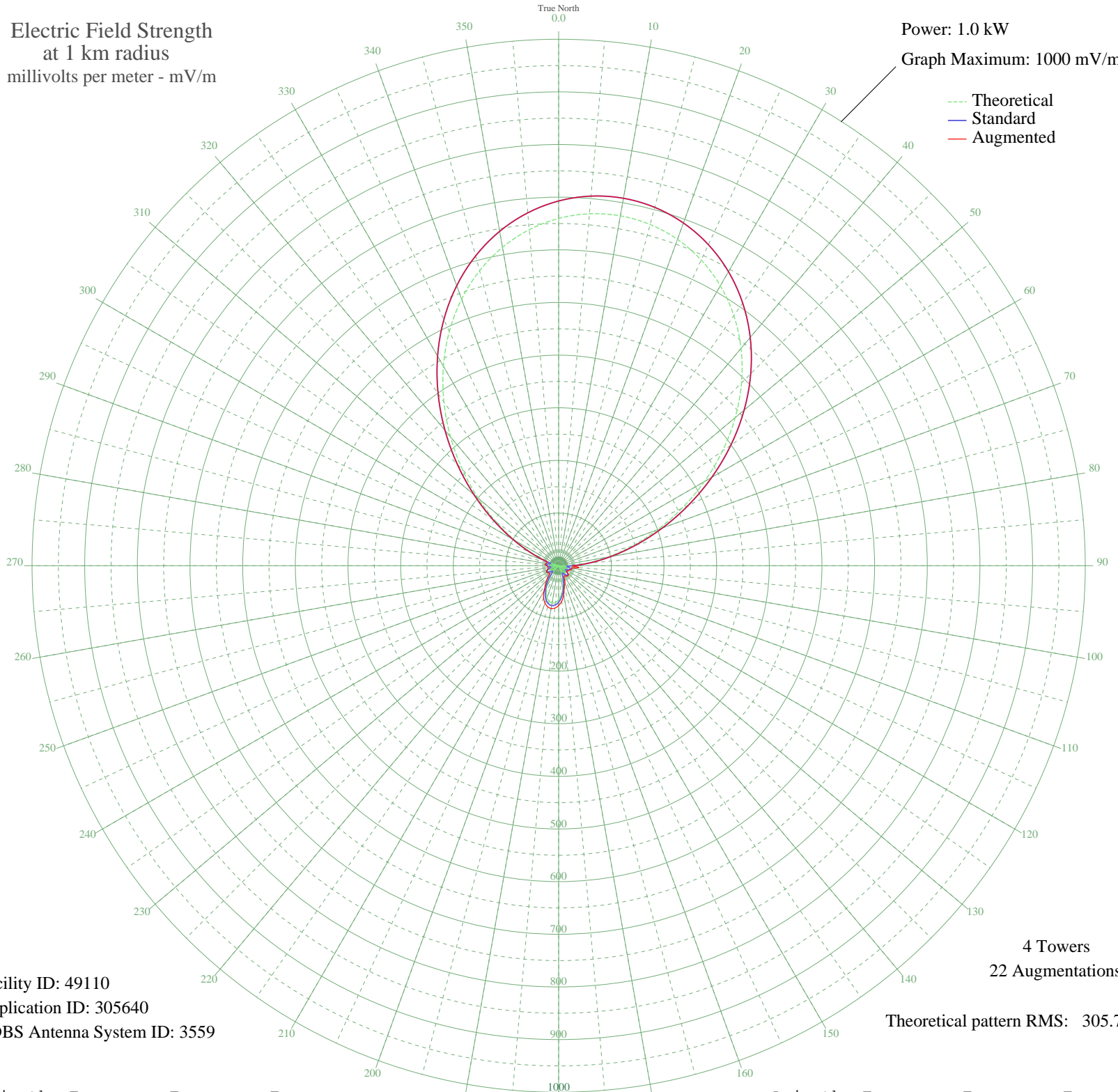


# WMNI COLUMBUS, OH BL-- 920 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 49110  
Application ID: 305640  
CDBS Antenna System ID: 3559

4 Towers  
22 Augmentations

Theoretical pattern RMS: 305.78

Azimuth	Etheo	Estd	Eaug
0	659.62	692.77	692.77
5	671.01	704.72	704.72
10	674.80	708.70	708.70
15	671.01	704.72	704.72
20	659.62	692.77	692.77
25	640.63	672.83	672.83
30	614.05	644.93	644.93
35	580.01	609.20	609.20
40	538.82	565.96	565.96
45	491.05	515.83	515.83
50	437.63	459.76	459.76
55	379.86	399.14	399.14
60	319.45	335.76	335.76
65	258.46	271.80	271.80
70	199.16	209.67	209.67
75	143.91	151.87	151.87
80	94.89	100.78	100.78
85	53.89	58.58	58.58
90	22.14	27.75	27.75
95	0.08	15.16	38.62
100	12.61	20.12	24.62
105	17.04	23.45	25.75
110	14.95	21.83	23.62
115	8.49	17.59	21.08
120	0.06	15.16	19.31
125	8.54	17.61	18.36
130	15.14	21.96	23.98
135	18.54	24.67	25.75
140	18.04	24.26	25.75
145	13.52	20.77	23.95
150	5.37	16.17	22.25
155	5.62	16.26	24.39
160	18.39	24.55	35.41
165	31.77	36.64	41.14
170	44.59	49.21	55.71
175	55.77	60.49	67.59

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	64.43	69.33	75.56
185	69.90	74.94	80.65
190	71.77	76.87	82.40
195	69.90	74.94	80.65
200	64.43	69.33	75.56
205	55.77	60.49	67.59
210	44.59	49.21	55.71
215	31.77	36.64	43.54
220	18.39	24.55	35.41
225	5.62	16.26	26.71
230	5.37	16.17	22.53
235	13.52	20.77	23.55
240	18.04	24.26	25.27
245	18.54	24.67	25.75
250	15.14	21.96	22.94
255	8.54	17.61	21.01
260	0.06	15.16	20.12
265	8.49	17.59	20.99
270	14.95	21.83	22.81
275	17.04	23.45	25.75
280	12.61	20.12	24.14
285	0.08	15.16	23.34
290	22.14	27.75	27.75
295	53.89	58.58	58.58
300	94.89	100.78	100.78
305	143.91	151.87	151.87
310	199.16	209.67	209.67
315	258.46	271.80	271.80
320	319.45	335.76	335.76
325	379.86	399.14	399.14
330	437.63	459.76	459.76
335	491.05	515.83	515.83
340	538.82	565.96	565.96
345	580.01	609.20	609.20
350	614.05	644.93	644.93
355	640.63	672.83	672.83