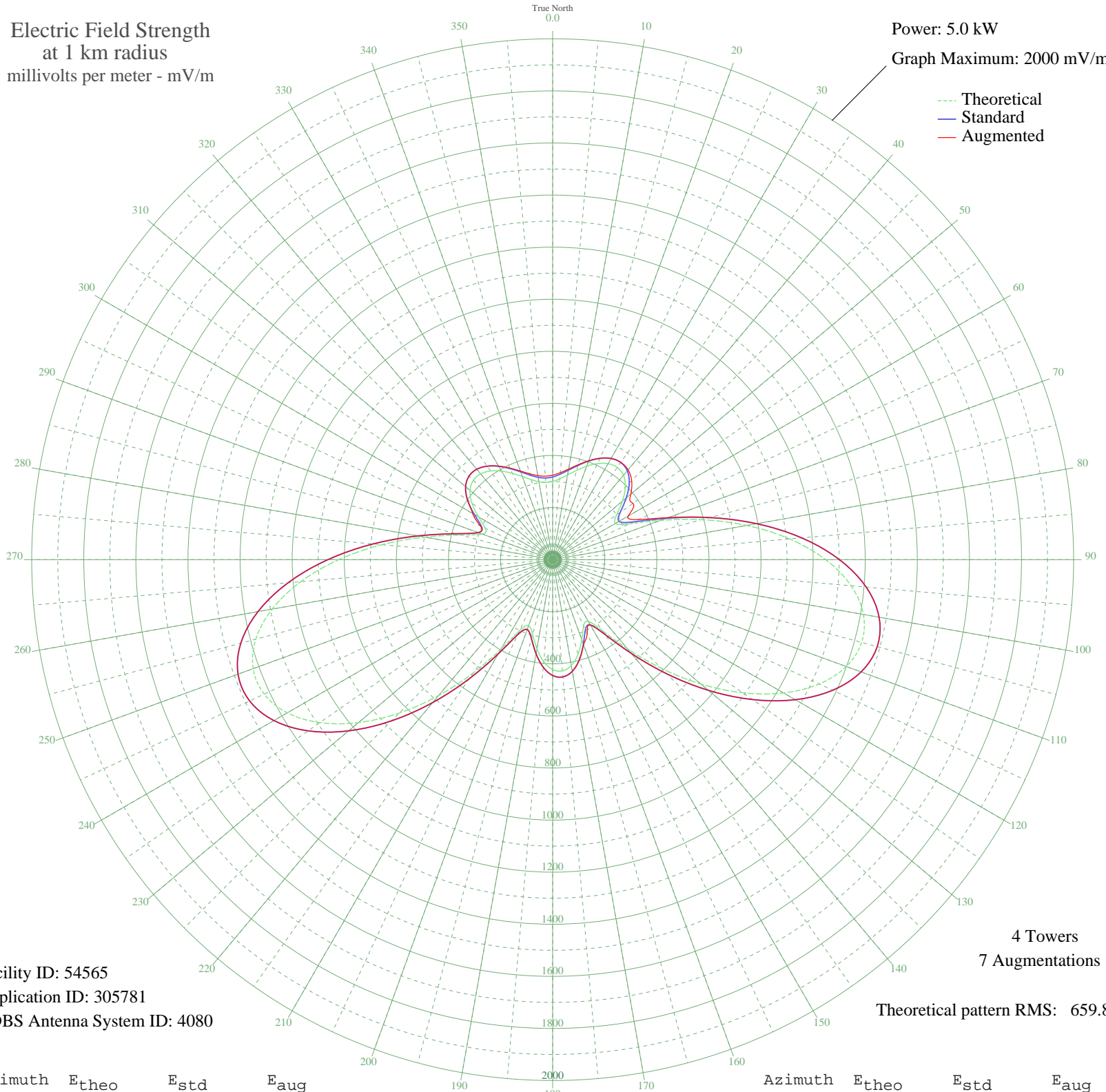


# WFUN ASHTABULA, OH BL-- 970 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 54565  
Application ID: 305781  
CDBS Antenna System ID: 4080

4 Towers  
7 Augmentations  
Theoretical pattern RMS: 659.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	300.36	317.61	324.55
5	311.59	329.32	335.26
10	330.43	348.98	353.46
15	354.90	374.54	377.46
20	381.88	402.73	404.29
25	407.14	429.14	429.73
30	425.72	448.58	448.66
35	432.47	455.65	456.06
40	422.90	445.63	450.48
45	394.52	415.94	428.99
50	349.34	368.73	391.81
55	299.63	316.85	376.75
60	277.72	294.01	334.57
65	324.92	343.23	364.64
70	440.43	463.97	472.72
75	593.01	623.80	625.64
80	756.81	795.54	795.54
85	913.32	959.72	959.72
90	1048.16	1101.21	1101.21
95	1150.16	1208.25	1208.25
100	1211.50	1272.63	1272.63
105	1228.07	1290.02	1290.02
110	1199.58	1260.12	1260.12
115	1129.31	1186.37	1186.37
120	1023.62	1075.46	1075.46
125	891.22	936.54	936.54
130	742.55	780.59	780.59
135	589.53	620.15	620.15
140	446.33	470.15	470.19
145	332.23	350.87	351.13
150	273.32	289.44	290.04
155	280.94	297.37	313.68
160	326.56	344.95	346.97
165	376.38	396.98	397.30
170	412.88	435.15	435.25
175	428.83	451.84	451.84

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	421.93	444.62	444.67
185	393.13	414.50	414.72
190	347.29	366.59	367.07
195	296.88	313.98	314.67
200	269.25	285.20	285.89
205	300.60	317.86	318.26
210	395.84	417.33	417.44
215	530.15	557.92	557.93
220	681.14	716.18	716.18
225	833.07	875.53	875.53
230	973.31	1022.67	1022.67
235	1090.84	1146.00	1146.00
240	1176.19	1235.57	1235.57
245	1221.97	1283.62	1283.62
250	1223.60	1285.33	1285.33
255	1179.89	1239.45	1239.45
260	1093.42	1148.70	1148.70
265	970.55	1019.77	1019.77
270	821.17	863.04	863.04
275	658.34	692.28	692.28
280	498.68	524.96	524.96
285	364.60	384.67	384.67
290	287.03	303.71	303.71
295	284.92	301.52	305.90
300	328.75	347.22	354.42
305	378.10	398.78	398.78
310	413.83	436.15	436.15
315	430.80	453.90	453.90
320	430.11	453.18	453.19
325	415.66	438.06	438.39
330	392.45	413.79	414.91
335	365.61	385.73	388.06
340	339.69	358.65	362.50
345	318.30	336.32	341.71
350	303.86	321.26	327.87
355	297.72	314.86	322.04