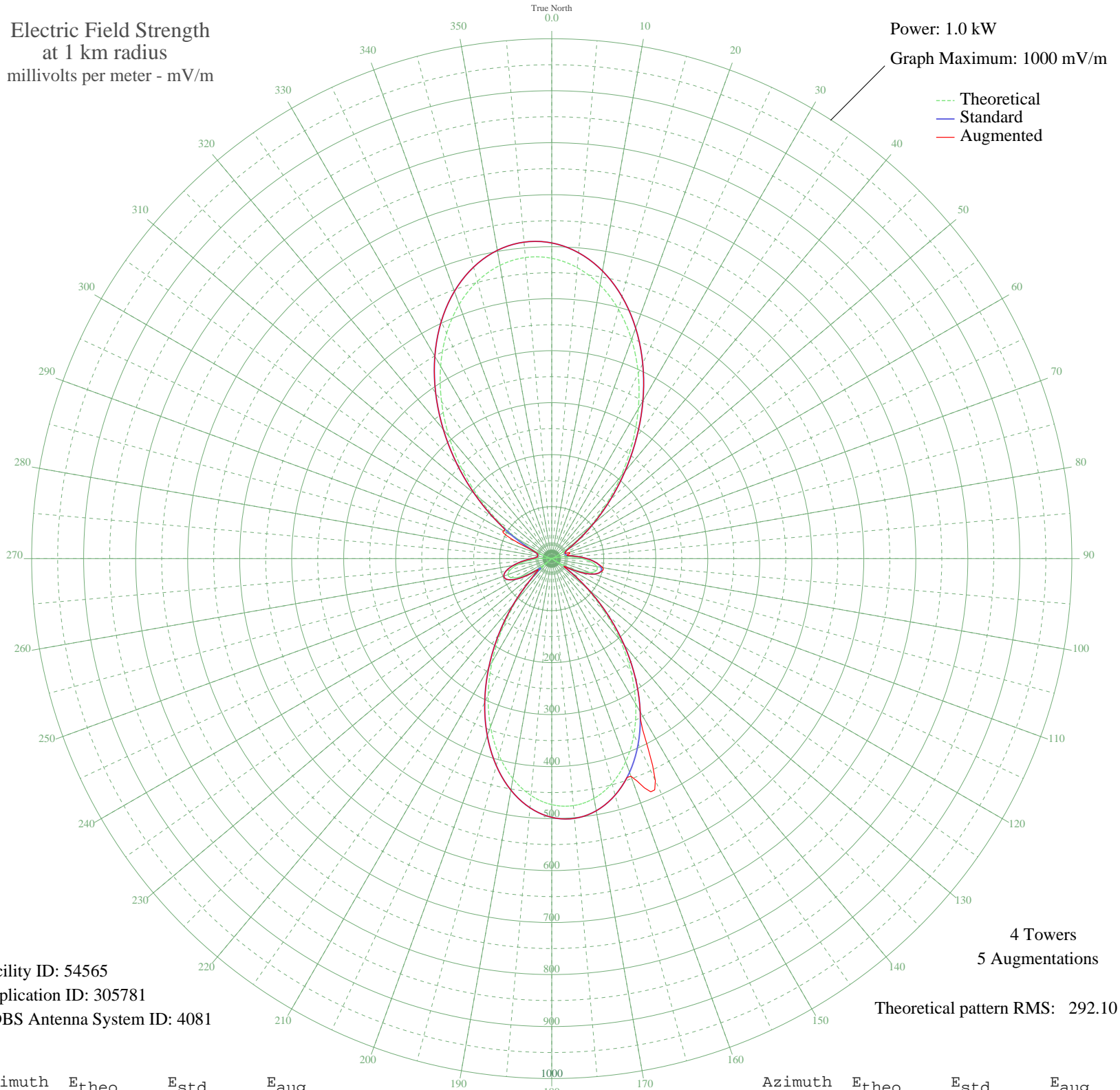


# WFUN ASHTABULA, OH BL-- 970 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 54565  
Application ID: 305781  
CDBS Antenna System ID: 4081

4 Towers  
5 Augmentations  
Theoretical pattern RMS: 292.10

Azimuth	Etheo	Estd	Eaug
0	577.73	607.25	607.25
5	561.91	590.66	590.66
10	534.44	561.85	561.85
15	496.22	521.77	521.77
20	448.60	471.84	471.84
25	393.38	413.98	413.98
30	332.85	350.59	350.59
35	269.72	284.56	284.56
40	207.04	219.16	219.16
45	148.03	157.89	157.89
50	95.81	104.35	104.35
55	53.14	62.31	62.31
60	22.10	36.16	36.16
65	3.77	28.02	28.02
70	1.90	27.81	31.32
75	3.73	28.01	34.32
80	18.15	33.65	33.65
85	37.85	48.47	48.47
90	58.78	67.66	67.66
95	76.71	85.19	85.19
100	87.81	96.28	99.66
105	88.96	97.44	97.80
110	78.17	86.63	86.63
115	54.66	63.74	63.74
120	18.90	34.10	34.10
125	27.55	40.08	40.08
130	82.28	90.74	90.74
135	142.34	152.01	152.01
140	204.53	216.54	216.54
145	265.68	280.34	280.34
150	322.89	340.16	340.16
155	373.59	393.25	471.40
160	415.72	437.39	445.47
165	447.67	470.87	470.87
170	468.29	492.49	492.49
175	476.90	501.51	501.51

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

Azimuth	Etheo	Estd	Eaug
180	473.20	497.64	497.64
185	457.33	480.99	480.99
190	429.80	452.14	452.14
195	391.58	412.09	412.09
200	344.08	362.34	362.34
205	289.19	304.91	304.91
210	229.29	242.34	242.34
215	167.14	177.68	177.68
220	105.84	114.55	114.55
225	48.61	58.09	59.97
230	1.48	27.78	34.53
235	41.76	51.88	51.88
240	70.29	78.84	78.84
245	86.15	94.61	94.61
250	89.60	98.08	98.08
255	82.17	90.62	90.62
260	66.54	75.17	75.17
265	46.31	55.98	55.98
270	25.61	38.63	38.63
275	8.62	29.18	29.18
280	0.89	27.75	27.75
285	0.03	27.74	27.74
290	13.22	31.01	31.01
295	39.24	49.67	67.90
300	77.46	85.93	106.99
305	126.16	135.34	135.34
310	182.82	193.95	193.95
315	244.42	258.13	258.13
320	307.74	324.32	324.32
325	369.66	389.13	389.13
330	427.31	449.53	449.53
335	478.21	502.89	502.89
340	520.38	547.10	547.10
345	552.28	580.55	580.55
350	572.84	602.12	602.12
355	581.41	611.11	611.11