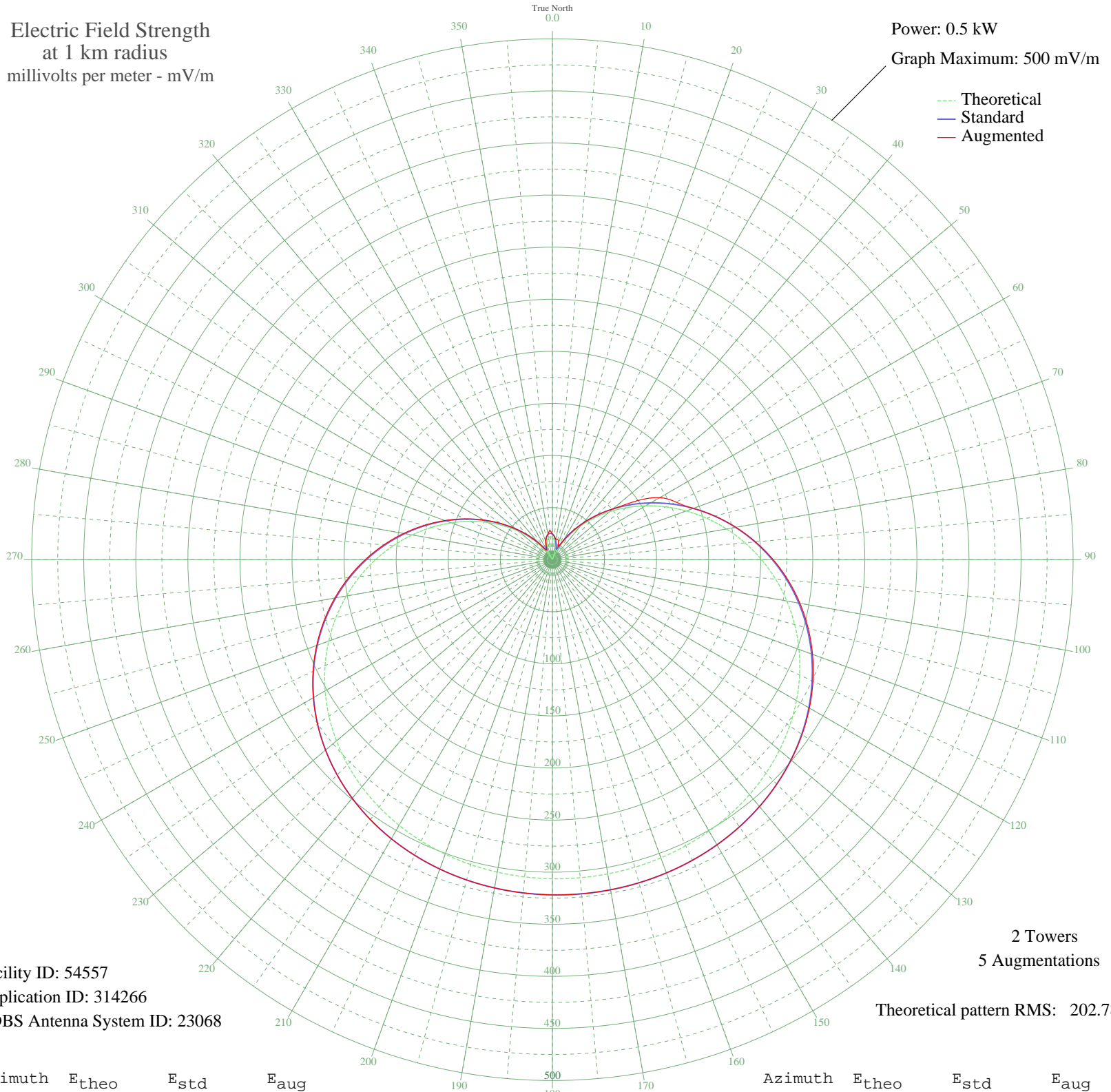


# WDLR DELAWARE, OH BL-- 1550 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 54557  
Application ID: 314266  
CDBS Antenna System ID: 23068

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 202.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	21.20	24.61	24.61
5	18.69	22.26	22.26
10	14.53	18.52	19.73
15	8.75	13.95	19.91
20	1.39	10.60	17.01
25	7.49	13.12	13.91
30	17.82	21.46	21.46
35	29.50	32.70	32.70
40	42.41	45.75	45.75
45	56.42	60.16	60.16
50	71.36	75.66	75.66
55	87.07	92.02	98.07
60	103.34	109.01	119.09
65	119.96	126.40	130.86
70	136.72	143.94	143.94
75	153.40	161.41	161.51
80	169.79	178.58	178.90
85	185.67	195.24	195.83
90	200.87	211.17	212.03
95	215.21	226.22	227.28
100	228.57	240.23	241.41
105	240.84	253.10	254.28
110	251.96	264.76	265.83
115	261.88	275.17	276.05
120	270.60	284.32	284.97
125	278.16	292.25	292.65
130	284.59	299.01	299.20
135	289.99	304.67	304.72
140	294.43	309.33	309.33
145	298.02	313.10	313.10
150	300.85	316.06	316.06
155	303.01	318.33	318.33
160	304.59	319.99	319.99
165	305.67	321.12	321.12
170	306.29	321.78	321.78
175	306.50	321.99	321.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	306.29	321.78	321.78
185	305.67	321.12	321.12
190	304.59	319.99	319.99
195	303.01	318.33	318.33
200	300.85	316.06	316.06
205	298.02	313.10	313.10
210	294.43	309.33	309.33
215	289.99	304.67	304.67
220	284.59	299.01	299.01
225	278.16	292.25	292.27
230	270.60	284.32	284.41
235	261.88	275.17	275.37
240	251.96	264.76	265.10
245	240.84	253.10	253.60
250	228.57	240.23	240.90
255	215.21	226.22	227.06
260	200.87	211.17	212.16
265	185.67	195.24	196.34
270	169.79	178.58	179.75
275	153.40	161.41	162.59
280	136.72	143.94	145.06
285	119.96	126.40	127.40
290	103.34	109.01	109.83
295	87.07	92.02	92.61
300	71.36	75.66	76.00
305	56.42	60.16	60.27
310	42.41	45.75	45.75
315	29.50	32.70	32.70
320	17.82	21.46	21.46
325	7.49	13.12	13.12
330	1.39	10.60	10.60
335	8.75	13.95	13.95
340	14.53	18.52	18.52
345	18.69	22.26	22.26
350	21.20	24.61	24.61
355	22.03	25.41	28.16

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