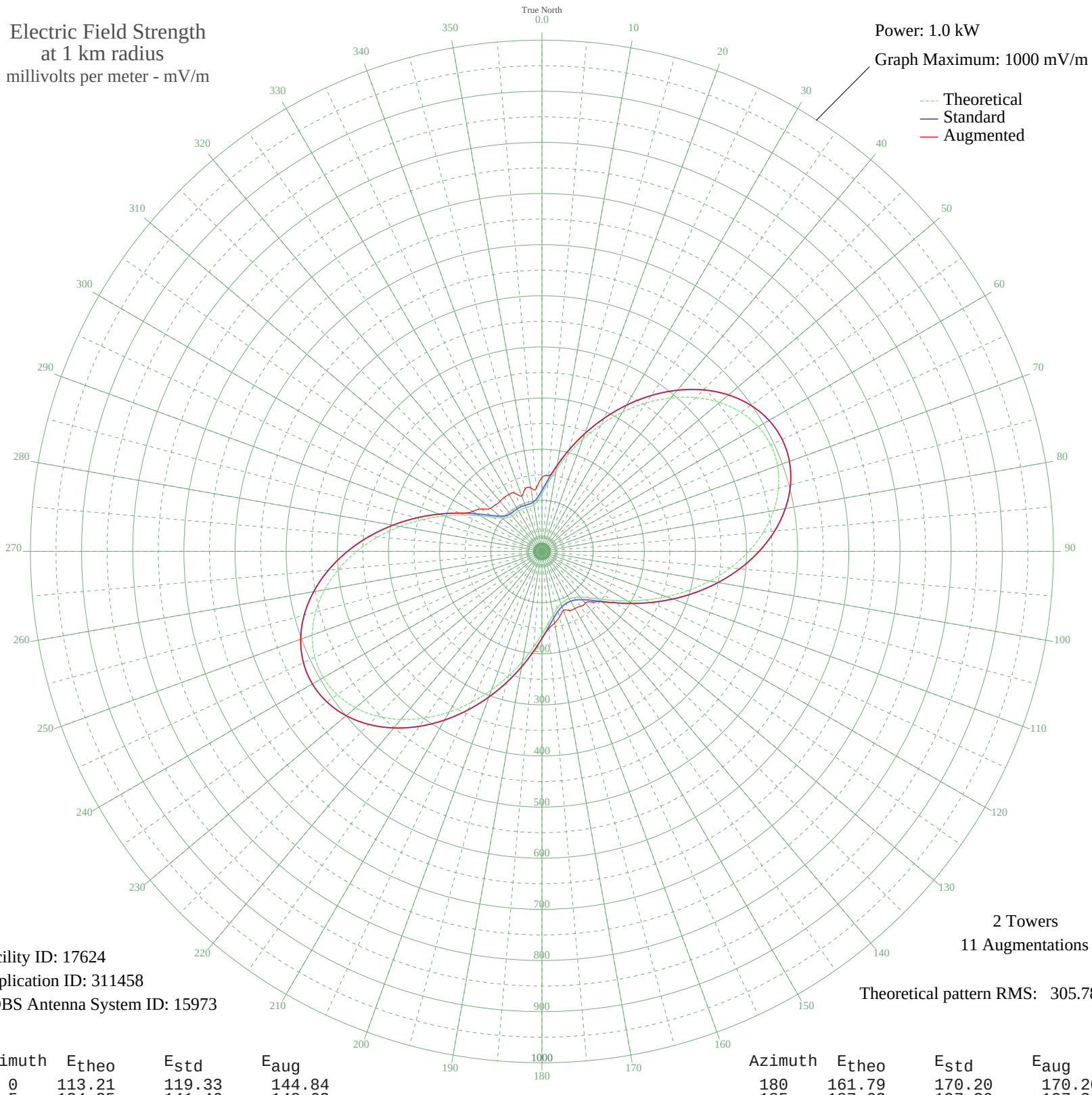
WXGO MADISON, IN BL-- 1270 kHz

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

2 Towers
11 Augmentations

Facility ID: 17624
Application ID: 311458
CDBS Antenna System ID: 15973

Theoretical pattern RMS: 305.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	113.21	119.33	144.84
5	134.35	141.46	148.63
10	162.34	170.78	170.78
15	195.88	205.94	205.94
20	233.44	245.34	245.34
25	273.45	287.32	287.32
30	314.30	330.18	330.18
35	354.34	372.20	372.20
40	391.90	411.63	411.63
45	425.41	446.80	446.80
50	453.40	476.18	476.18
55	474.63	498.47	498.47
60	488.16	512.68	512.68
65	493.43	518.21	518.21
70	490.27	514.90	514.90
75	478.95	503.01	503.01
80	460.11	483.23	483.23
85	434.74	456.60	456.60
90	404.12	424.45	424.45
95	369.69	388.32	388.32
100	333.00	349.81	349.81
105	295.60	310.56	310.56
110	258.98	272.13	272.13
115	224.50	235.96	235.96
120	193.37	203.31	203.31
125	166.56	175.21	175.21
130	144.77	152.37	152.89
135	128.27	135.09	140.01
140	116.84	123.13	131.74
145	109.86	115.83	131.01
150	106.51	112.32	128.89
155	106.21	112.02	127.27
160	108.92	114.85	122.52
165	115.12	121.33	132.67
170	125.59	132.29	142.02
175	141.04	148.47	151.75

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	161.79	170.20	170.20
185	187.63	197.30	197.30
190	217.97	229.11	229.11
195	251.87	264.67	264.67
200	288.17	302.76	302.76
205	325.53	341.97	341.97
210	362.49	380.75	380.75
215	397.49	417.50	417.50
220	428.99	450.56	450.56
225	455.52	478.41	478.41
230	475.75	499.65	499.65
235	488.65	513.19	513.19
240	493.47	518.25	518.25
245	489.89	514.49	514.49
250	477.97	501.98	501.98
255	458.22	481.24	481.24
260	431.49	453.19	453.19
265	398.98	419.06	419.06
270	362.10	380.35	380.35
275	322.43	338.71	338.71
280	281.61	295.88	295.88
285	241.30	253.58	253.58
290	203.12	213.53	213.53
295	168.65	177.40	177.40
300	139.44	146.78	156.38
305	116.84	123.13	144.84
310	101.70	107.30	131.27
315	93.65	98.89	128.75
320	90.86	95.98	127.90
325	90.81	95.92	128.81
330	91.39	96.53	128.80
335	91.47	96.61	125.80
340	90.93	96.05	115.27
345	90.71	95.82	126.79
350	92.75	97.95	126.44
355	99.56	105.07	124.42