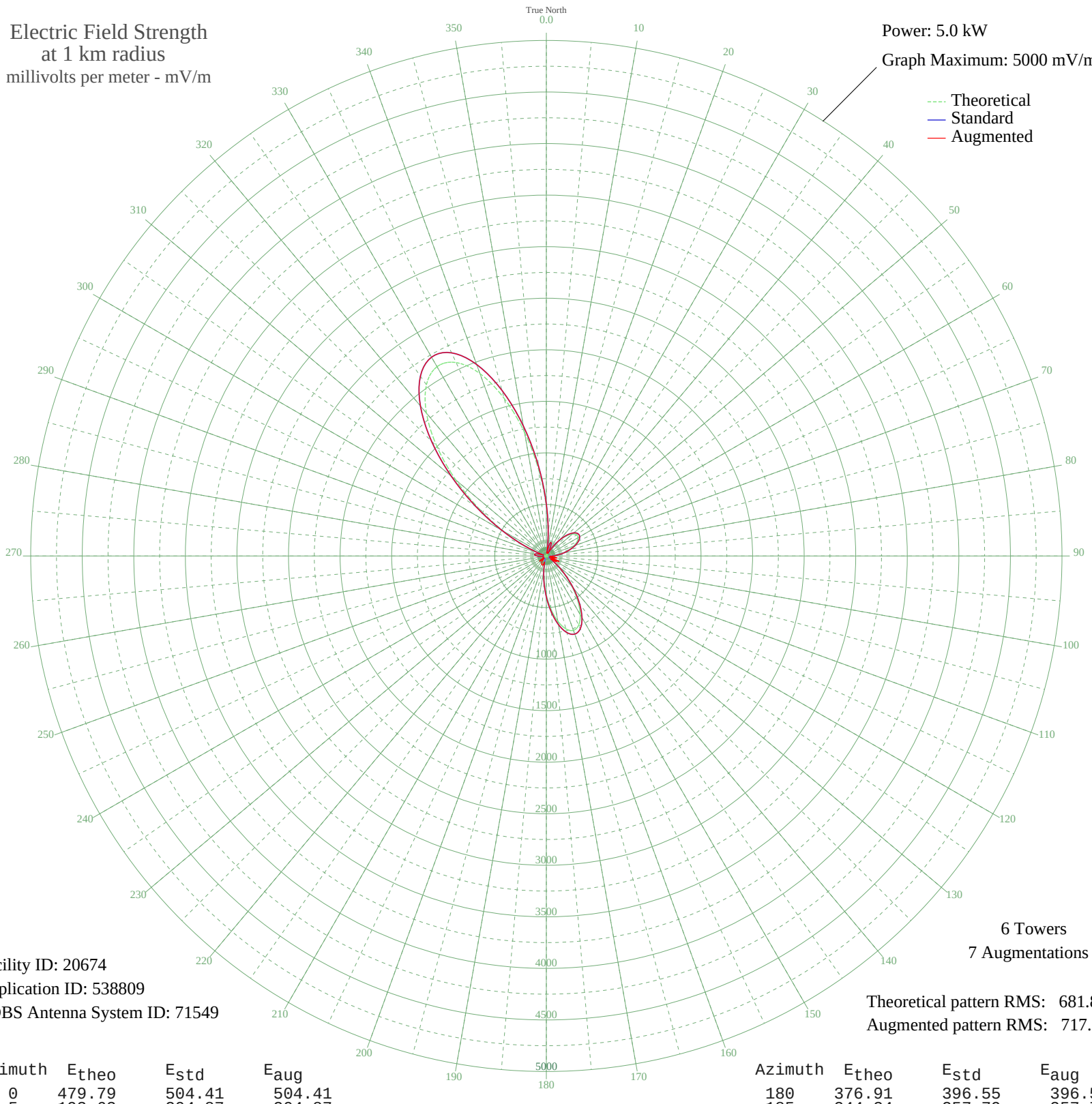
WCUE CUYAHOGA FALLS, OH BML-20000519ADY 1150 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

6 Towers
7 Augmentations

Facility ID: 20674
Application ID: 538809
CDBS Antenna System ID: 71549

Theoretical pattern RMS: 681.82
Augmented pattern RMS: 717.11

Azimuth	E_{theo}	E_{std}	E_{aug}
0	479.79	504.41	504.41
5	193.63	204.87	204.87
10	4.15	25.59	25.59
15	108.46	116.64	116.64
20	129.61	138.41	138.41
25	86.77	94.53	94.53
30	3.92	25.55	25.55
35	96.77	104.69	104.69
40	194.50	205.77	205.77
45	275.35	290.21	290.21
50	330.69	348.14	348.14
55	356.99	375.69	375.69
60	354.85	373.45	373.45
65	327.90	345.21	345.21
70	281.87	297.04	297.04
75	223.87	236.41	236.41
80	161.64	171.59	171.59
85	102.90	110.95	110.95
90	54.38	62.42	62.42
95	20.63	33.24	33.24
100	2.47	25.35	101.66
105	6.98	26.26	57.33
110	13.93	29.15	39.37
115	15.40	29.95	116.69
120	2.51	25.35	115.00
125	46.25	54.72	54.72
130	127.97	136.71	136.71
135	244.80	258.28	258.28
140	385.69	405.76	405.76
145	531.13	558.25	558.25
150	657.12	690.44	690.44
155	741.02	778.48	778.48
160	767.37	806.14	806.14
165	731.94	768.95	768.95
170	642.58	675.18	675.18
175	516.81	543.24	543.24

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	E_{theo}	E_{std}	E_{aug}
180	376.91	396.55	396.55
185	244.34	257.79	257.79
190	135.17	144.15	144.15
195	57.57	65.49	65.49
200	11.86	28.12	91.58
205	8.81	26.86	90.63
210	12.73	28.54	94.37
215	11.42	27.92	74.09
220	11.53	27.97	53.99
225	10.45	27.50	31.53
230	5.24	25.81	77.43
235	5.49	25.86	70.61
240	15.14	29.81	29.81
245	21.53	33.86	33.86
250	20.15	32.92	32.92
255	8.20	26.64	26.64
260	15.90	30.24	30.24
265	47.90	56.26	56.26
270	81.56	89.27	89.27
275	105.26	113.36	113.36
280	103.51	111.57	111.57
285	58.60	66.50	66.50
290	46.45	54.90	54.90
295	223.45	235.97	235.97
300	475.03	499.42	499.42
305	790.58	830.49	830.49
310	1144.79	1202.29	1202.29
315	1499.42	1574.60	1574.60
320	1808.65	1899.25	1899.25
325	2027.28	2128.79	2128.79
330	2120.14	2226.29	2226.29
335	2070.08	2173.73	2173.73
340	1882.27	1976.54	1976.54
345	1583.61	1662.98	1662.98
350	1217.17	1278.27	1278.27
355	833.29	875.32	875.32