

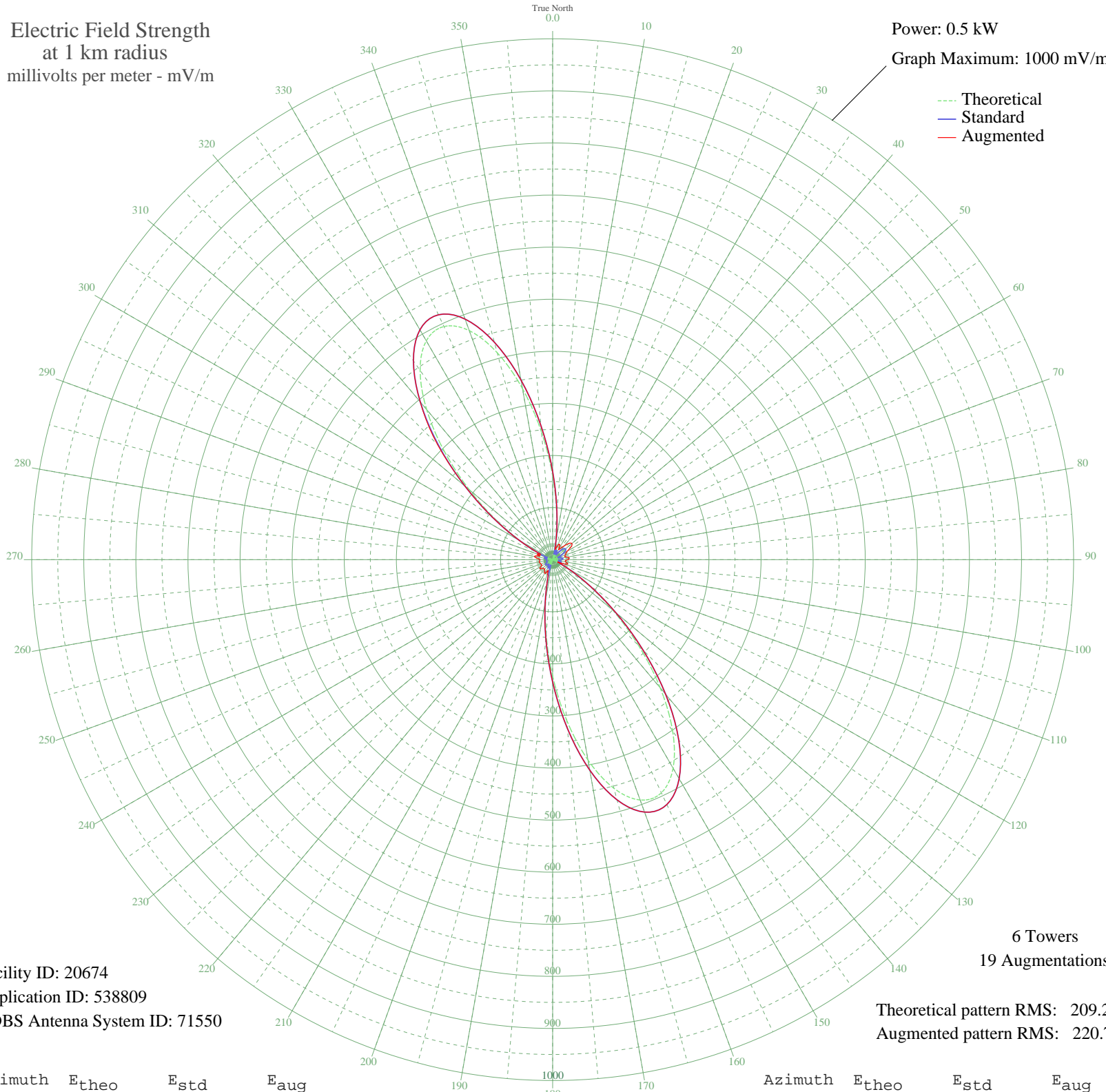
WCUE CUYAHOGA FALLS, OH BML-20000519ADY 1150 kHz

Nighttime

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

Power: 0.5 kW

Graph Maximum: 1000 mV/m



Facility ID: 20674
Application ID: 538809
CDBS Antenna System ID: 71550

Theoretical pattern RMS: 209.21
Augmented pattern RMS: 220.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	160.67	169.03	169.03
5	87.92	92.91	92.91
10	33.77	36.98	36.98
15	0.19	10.50	21.29
20	14.58	18.56	29.29
25	14.84	18.79	32.19
30	6.06	12.28	23.37
35	6.40	12.47	27.27
40	18.15	21.76	34.41
45	26.20	29.45	43.98
50	29.10	32.31	48.28
55	26.71	29.95	43.02
60	19.93	23.41	32.14
65	10.36	15.12	28.12
70	0.00	10.50	25.94
75	9.05	14.16	23.71
80	14.91	18.85	28.01
85	16.23	20.02	32.19
90	12.59	16.88	28.81
95	4.79	11.64	24.30
100	4.79	11.64	25.85
105	12.26	16.61	29.77
110	12.46	16.77	24.22
115	0.17	10.50	10.50
120	30.39	33.59	33.59
125	80.74	85.43	85.43
130	150.18	158.04	158.04
135	233.42	245.31	245.31
140	321.15	337.37	337.37
145	401.52	421.72	421.72
150	462.36	485.59	485.59
155	493.92	518.72	518.72
160	491.08	515.74	515.74
165	454.56	477.40	477.40
170	390.66	410.33	410.33
175	309.70	325.35	325.35

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	223.58	234.99	234.99
185	143.32	150.86	150.86
190	77.09	81.62	81.62
195	29.16	32.36	35.51
200	0.01	10.50	28.22
205	12.99	17.22	24.26
210	14.15	18.20	30.26
215	8.40	13.71	26.77
220	0.17	10.50	24.14
225	7.17	12.92	23.55
230	11.60	16.08	26.71
235	12.39	16.72	29.77
240	9.90	14.78	25.95
245	5.25	11.86	22.99
250	0.00	10.50	24.14
255	4.20	11.39	25.12
260	5.94	12.21	26.07
265	4.44	11.49	25.17
270	0.12	10.50	24.14
275	6.28	12.40	29.88
280	11.20	15.76	35.41
285	10.73	15.40	27.20
290	0.01	10.50	32.19
295	25.63	28.88	28.88
300	69.37	73.60	73.60
305	131.63	138.60	138.60
310	208.99	219.69	219.69
315	294.06	308.95	312.34
320	376.24	395.20	395.48
325	443.56	465.86	465.86
330	485.19	509.55	509.55
335	493.92	518.72	518.72
340	467.98	491.49	491.49
345	411.47	432.17	432.17
350	333.46	350.29	350.29
355	245.82	258.33	258.33