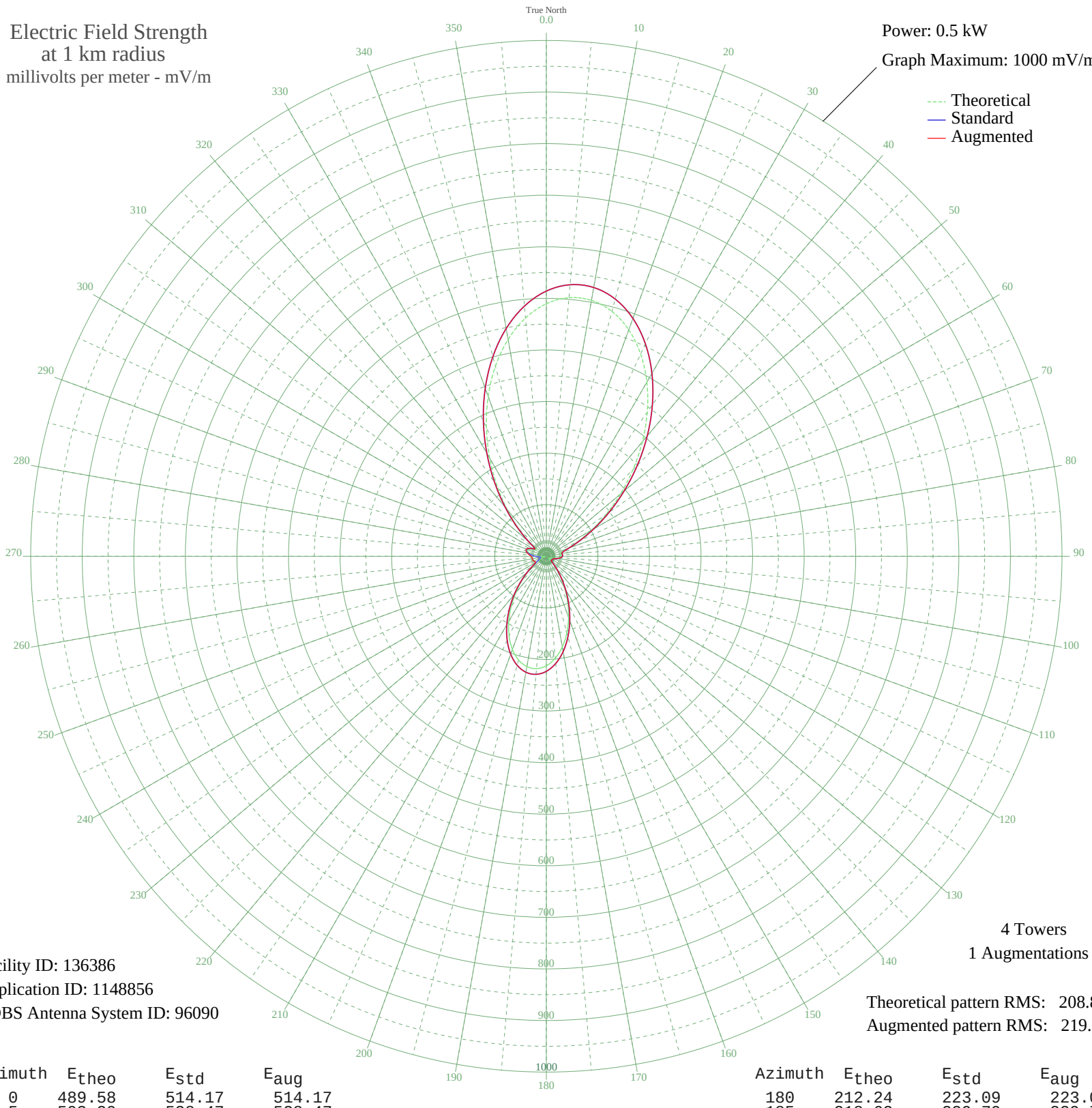
KCTO CLEVELAND, MO BL-20060602ACG 1160 kHz

Daytime

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



Power: 0.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
1 Augmentations

Facility ID: 136386
Application ID: 1148856
CDBS Antenna System ID: 96090

Theoretical pattern RMS: 208.84
Augmented pattern RMS: 219.53

Azimuth	E_{theo}	E_{std}	E_{aug}
0	489.58	514.17	514.17
5	503.20	528.47	528.47
10	503.82	529.12	529.12
15	491.56	516.24	516.24
20	467.33	490.81	490.81
25	432.73	454.49	454.49
30	389.91	409.54	409.54
35	341.36	358.58	358.58
40	289.73	304.39	304.39
45	237.60	249.70	249.70
50	187.37	197.02	197.02
55	141.15	148.58	148.58
60	100.69	106.24	106.24
65	67.55	71.70	71.70
70	43.41	46.78	46.78
75	30.32	33.53	33.53
80	27.50	30.73	30.73
85	28.44	31.66	31.66
90	28.09	31.31	31.31
95	25.16	28.43	28.43
100	20.08	23.55	23.55
105	14.09	18.14	18.14
110	9.18	14.25	14.25
115	7.75	13.28	13.28
120	8.45	13.75	13.75
125	7.65	13.22	13.22
130	5.40	11.93	11.93
135	11.35	15.89	15.89
140	25.97	29.22	29.22
145	46.06	49.49	49.49
150	70.42	74.69	74.69
155	97.66	103.08	103.08
160	126.06	132.78	132.78
165	153.66	161.69	161.69
170	178.44	187.65	187.65
175	198.48	208.67	208.67

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	212.24	223.09	223.09
185	218.62	229.79	229.79
190	217.17	228.27	228.27
195	208.08	218.73	218.73
200	192.16	202.04	202.04
205	170.77	179.62	179.62
210	145.62	153.26	153.26
215	118.63	125.00	125.00
220	91.74	96.89	96.89
225	66.73	70.85	70.85
230	45.18	48.59	48.59
235	28.35	31.57	32.07
240	17.20	20.89	24.24
245	11.63	16.11	24.14
250	8.78	13.97	26.28
255	5.21	11.84	27.48
260	2.33	10.78	27.59
265	9.08	14.19	27.88
270	17.67	21.32	29.74
275	26.11	29.36	33.36
280	33.06	36.26	37.55
285	37.23	40.48	40.58
290	37.49	40.74	40.74
295	33.20	36.41	36.41
300	25.66	28.92	28.92
305	24.51	27.80	27.80
310	43.20	46.56	46.56
315	76.01	80.50	80.50
320	117.84	124.17	124.17
325	166.36	175.00	175.00
330	219.50	230.72	230.72
335	274.88	288.81	288.81
340	329.80	346.45	346.45
345	381.42	400.63	400.63
350	426.90	448.37	448.37
355	463.66	486.95	486.95