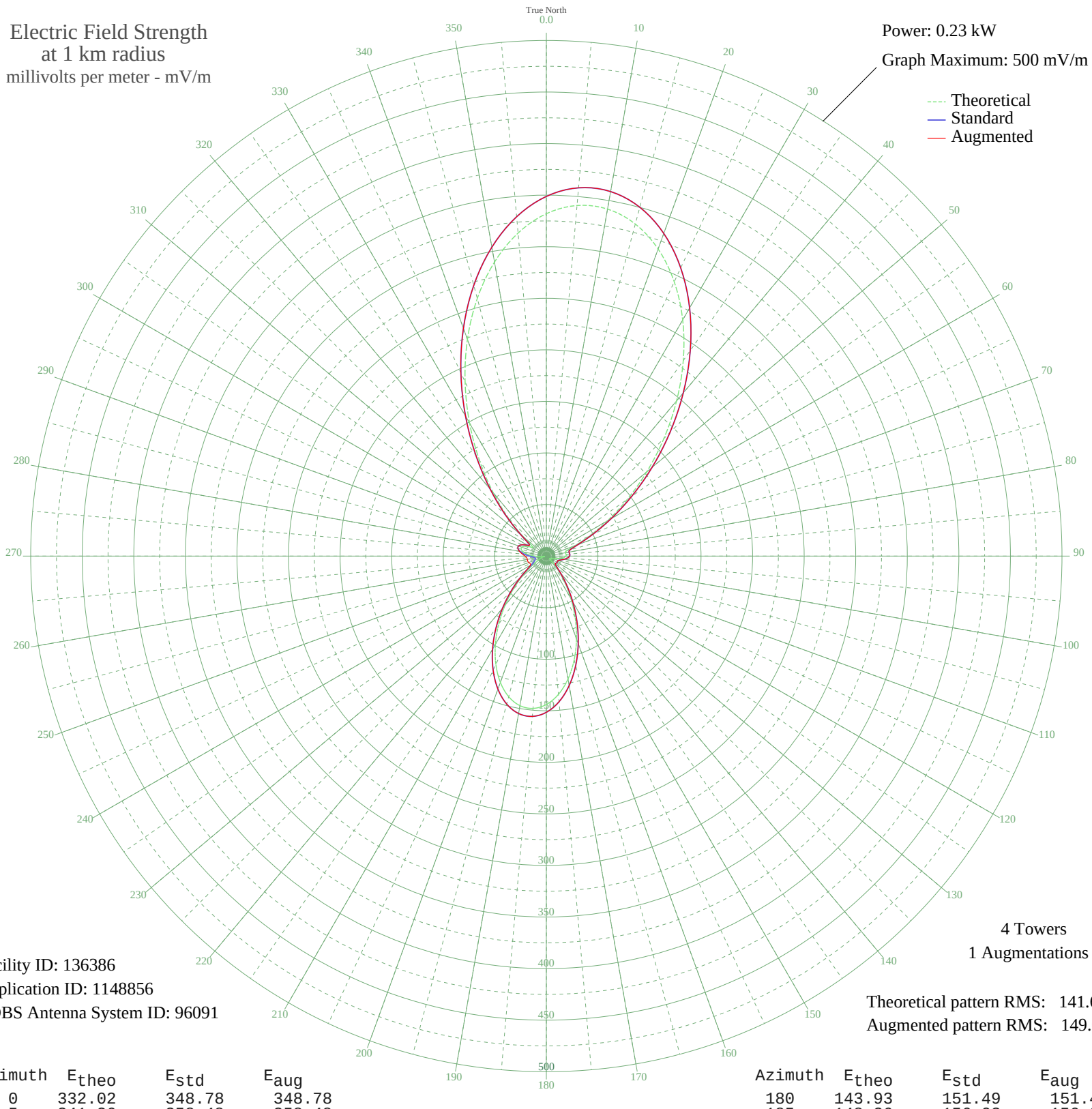
KCTO CLEVELAND, MO BL-20060602ACG 1160 kHz

Nighttime

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



Power: 0.23 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 136386
Application ID: 1148856
CDBS Antenna System ID: 96091

4 Towers
1 Augmentations

Theoretical pattern RMS: 141.64
Augmented pattern RMS: 149.09

Azimuth	E_{theo}	E_{std}	E_{aug}
0	332.02	348.78	348.78
5	341.26	358.48	358.48
10	341.68	358.92	358.92
15	333.36	350.19	350.19
20	316.93	332.94	332.94
25	293.47	308.32	308.32
30	264.43	277.85	277.85
35	231.50	243.30	243.30
40	196.48	206.58	206.58
45	161.13	169.51	169.51
50	127.07	133.84	133.84
55	95.72	101.06	101.06
60	68.28	72.46	72.46
65	45.81	49.23	49.23
70	29.44	32.65	32.65
75	20.57	24.01	24.01
80	18.65	22.22	22.22
85	19.29	22.81	22.81
90	19.05	22.59	22.59
95	17.06	20.77	20.77
100	13.62	17.74	17.74
105	9.56	14.52	14.52
110	6.22	12.37	12.37
115	5.26	11.86	11.86
120	5.73	12.10	12.10
125	5.19	11.83	11.83
130	3.66	11.18	11.18
135	7.70	13.25	13.25
140	17.61	21.27	21.27
145	31.24	34.44	34.44
150	47.76	51.23	51.23
155	66.23	70.33	70.33
160	85.49	90.38	90.38
165	104.21	109.92	109.92
170	121.01	127.50	127.50
175	134.61	141.73	141.73

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	143.93	151.49	151.49
185	148.26	156.03	156.03
190	147.28	155.00	155.00
195	141.11	148.54	148.54
200	130.32	137.24	137.24
205	115.81	122.06	122.06
210	98.76	104.22	104.22
215	80.45	85.13	85.13
220	62.21	66.16	66.16
225	45.26	48.67	48.67
230	30.64	33.84	33.84
235	19.23	22.75	23.01
240	11.66	16.13	17.77
245	7.89	13.37	17.25
250	5.95	12.22	18.20
255	3.53	11.14	18.70
260	1.58	10.63	18.70
265	6.16	12.33	19.07
270	11.98	16.39	20.65
275	17.71	21.35	23.41
280	22.42	25.78	26.44
285	25.25	28.51	28.57
290	25.42	28.69	28.69
295	22.52	25.87	25.87
300	17.41	21.08	21.08
305	16.62	20.37	20.37
310	29.30	32.51	32.51
315	51.55	55.14	55.14
320	79.91	84.56	84.56
325	112.82	118.93	118.93
330	148.86	156.66	156.66
335	186.41	196.02	196.02
340	223.66	235.08	235.08
345	258.67	271.80	271.80
350	289.51	304.17	304.17
355	314.44	330.33	330.33