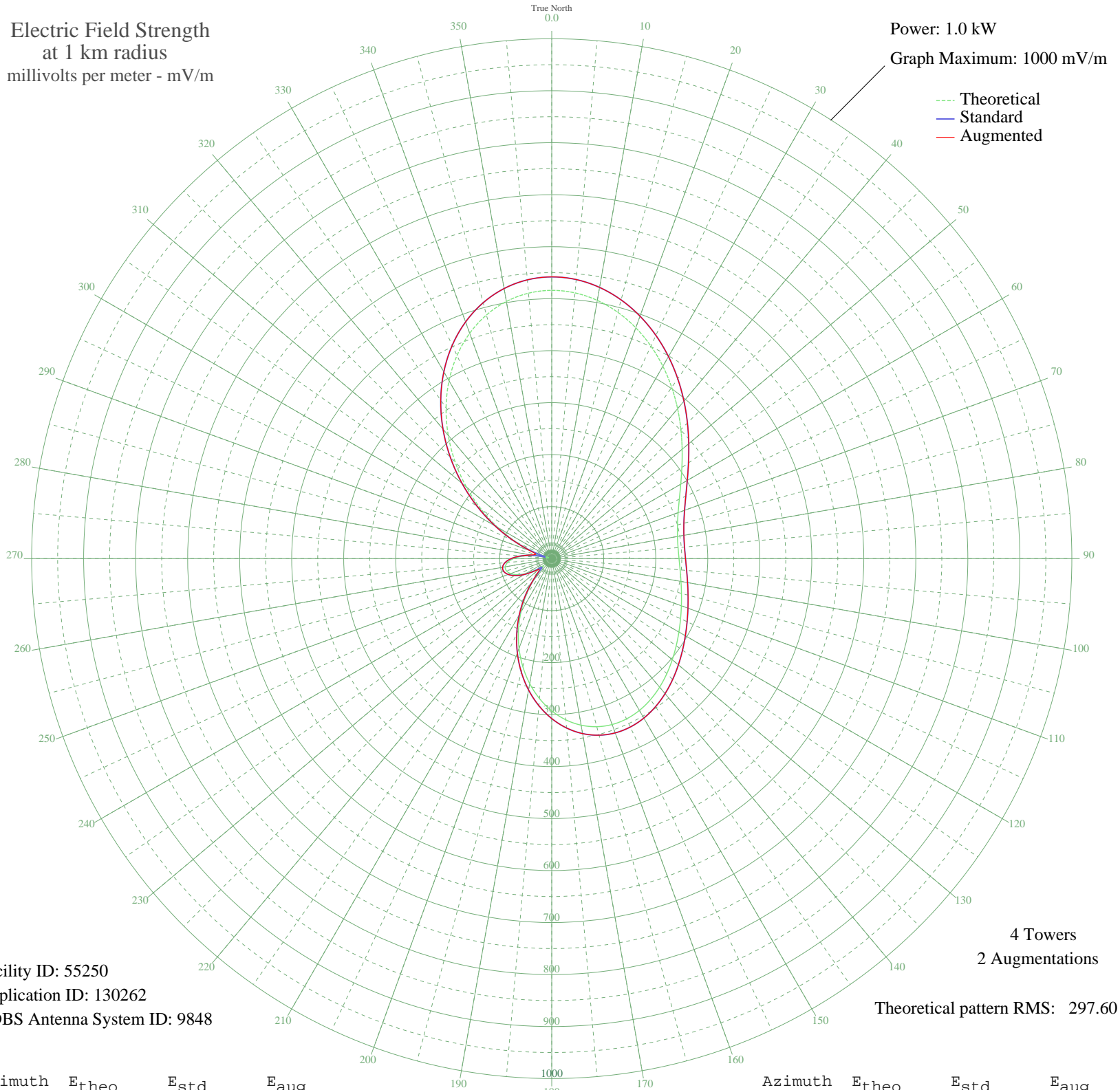


WCCS HOMER CITY, PA BL-19890622AF 1160 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 55250  
Application ID: 130262  
CDBS Antenna System ID: 9848

4 Towers  
2 Augmentations

Theoretical pattern RMS: 297.60

Azimuth	Etheo	Estd	Eaug
0	516.03	541.94	541.94
5	513.13	538.90	538.90
10	504.41	529.75	529.75
15	490.60	515.25	515.25
20	472.53	496.29	496.29
25	451.13	473.82	473.82
30	427.35	448.86	448.86
35	402.15	422.40	422.40
40	376.47	395.45	395.45
45	351.23	368.96	368.96
50	327.29	343.83	343.83
55	305.44	320.91	320.91
60	286.39	300.92	300.92
65	270.66	284.42	284.42
70	258.60	271.76	271.76
75	250.27	263.02	263.02
80	245.48	258.00	258.00
85	243.81	256.25	256.25
90	244.74	257.23	257.23
95	247.73	260.36	260.36
100	252.31	265.17	265.17
105	258.20	271.35	271.35
110	265.22	278.71	278.71
115	273.28	287.16	287.16
120	282.31	296.64	296.64
125	292.16	306.98	306.98
130	302.52	317.85	317.85
135	312.91	328.75	328.75
140	322.67	338.99	338.99
145	331.01	347.74	347.74
150	337.11	354.14	354.14
155	340.17	357.36	357.36
160	339.53	356.68	356.68
165	334.65	351.56	351.56
170	325.25	341.69	341.69
175	311.24	326.99	326.99

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	Etheo	Estd	Eaug
180	292.77	307.61	307.61
185	270.19	283.93	283.93
190	244.04	256.49	256.49
195	214.98	226.01	226.01
200	183.77	193.28	193.28
205	151.24	159.20	159.20
210	118.28	124.70	124.70
215	85.86	90.86	90.86
220	55.26	59.11	59.29
225	29.50	32.96	37.22
230	22.15	25.84	32.51
235	38.20	41.66	42.99
240	56.95	60.85	60.85
245	72.71	77.17	77.17
250	84.05	88.97	88.97
255	90.25	95.43	95.43
260	90.79	95.99	95.99
265	85.32	90.29	90.29
270	73.61	78.11	78.11
275	55.62	59.48	59.48
280	31.56	35.00	40.70
285	5.59	12.69	32.00
290	35.14	38.58	43.82
295	75.20	79.76	79.76
300	119.20	125.66	125.66
305	165.92	174.57	174.57
310	214.11	225.10	225.10
315	262.45	275.80	275.80
320	309.59	325.26	325.26
325	354.19	372.07	372.07
330	395.03	414.93	414.93
335	431.02	452.71	452.71
340	461.29	484.48	484.48
345	485.17	509.56	509.56
350	502.30	527.54	527.54
355	512.54	538.28	538.28