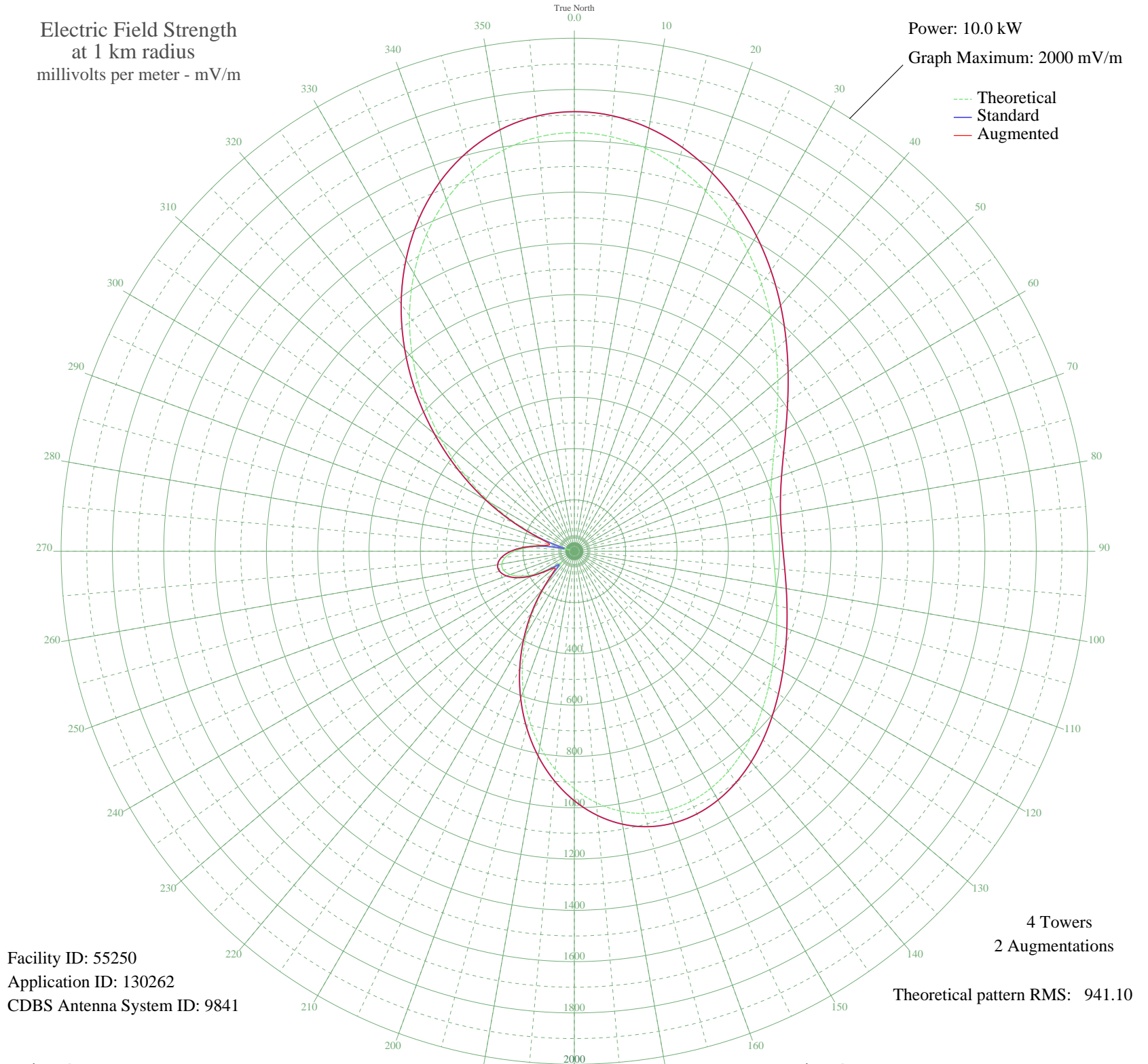


WCCS HOMER CITY, PA BL-19890622AF 1160 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 55250  
Application ID: 130262  
CDBS Antenna System ID: 9841

4 Towers  
2 Augmentations  
Theoretical pattern RMS: 941.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1631.83	1713.79	1713.79
5	1622.66	1704.17	1704.17
10	1595.09	1675.22	1675.22
15	1551.41	1629.37	1629.37
20	1494.29	1569.41	1569.41
25	1426.62	1498.37	1498.37
30	1351.41	1419.43	1419.43
35	1271.71	1335.77	1335.77
40	1190.51	1250.54	1250.54
45	1110.68	1166.76	1166.76
50	1034.97	1087.31	1087.31
55	965.90	1014.82	1014.82
60	905.64	951.58	951.58
65	855.91	899.41	899.41
70	817.76	859.38	859.38
75	791.42	831.75	831.75
80	776.27	815.86	815.86
85	771.01	810.35	810.35
90	773.95	813.43	813.43
95	783.38	823.32	823.32
100	797.89	838.54	838.54
105	816.51	858.07	858.07
110	838.70	881.35	881.35
115	864.19	908.10	908.10
120	892.76	938.07	938.07
125	923.91	970.75	970.75
130	956.67	1005.14	1005.14
135	989.52	1039.61	1039.61
140	1020.37	1071.97	1071.97
145	1046.74	1099.65	1099.65
150	1066.03	1119.90	1119.90
155	1075.73	1130.08	1130.08
160	1073.68	1127.93	1127.93
165	1058.27	1111.75	1111.75
170	1028.53	1080.54	1080.54
175	984.22	1034.05	1034.05

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	925.82	972.76	972.76
185	854.43	897.86	897.86
190	771.73	811.10	811.10
195	679.82	714.70	714.70
200	581.12	611.22	611.22
205	478.26	503.44	503.44
210	374.04	394.35	394.35
215	271.52	287.31	287.31
220	174.75	186.91	187.47
225	93.29	104.22	116.96
230	70.06	81.72	101.71
235	120.81	131.74	135.70
240	180.10	192.42	192.42
245	229.93	244.03	244.03
250	265.80	281.35	281.35
255	285.39	301.76	301.76
260	287.10	303.55	303.55
265	269.80	285.52	285.52
270	232.78	247.00	247.00
275	175.90	188.09	188.09
280	99.81	110.68	128.24
285	17.67	40.14	100.00
290	111.14	122.00	138.12
295	237.81	252.22	252.22
300	376.93	397.38	397.38
305	524.68	552.06	552.06
310	677.08	711.82	711.82
315	829.95	872.18	872.18
320	979.00	1028.57	1028.57
325	1120.05	1176.59	1176.59
330	1249.20	1312.14	1312.14
335	1363.02	1431.61	1431.61
340	1458.72	1532.07	1532.07
345	1534.27	1611.37	1611.37
350	1588.42	1668.22	1668.22
355	1620.80	1702.22	1702.22

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