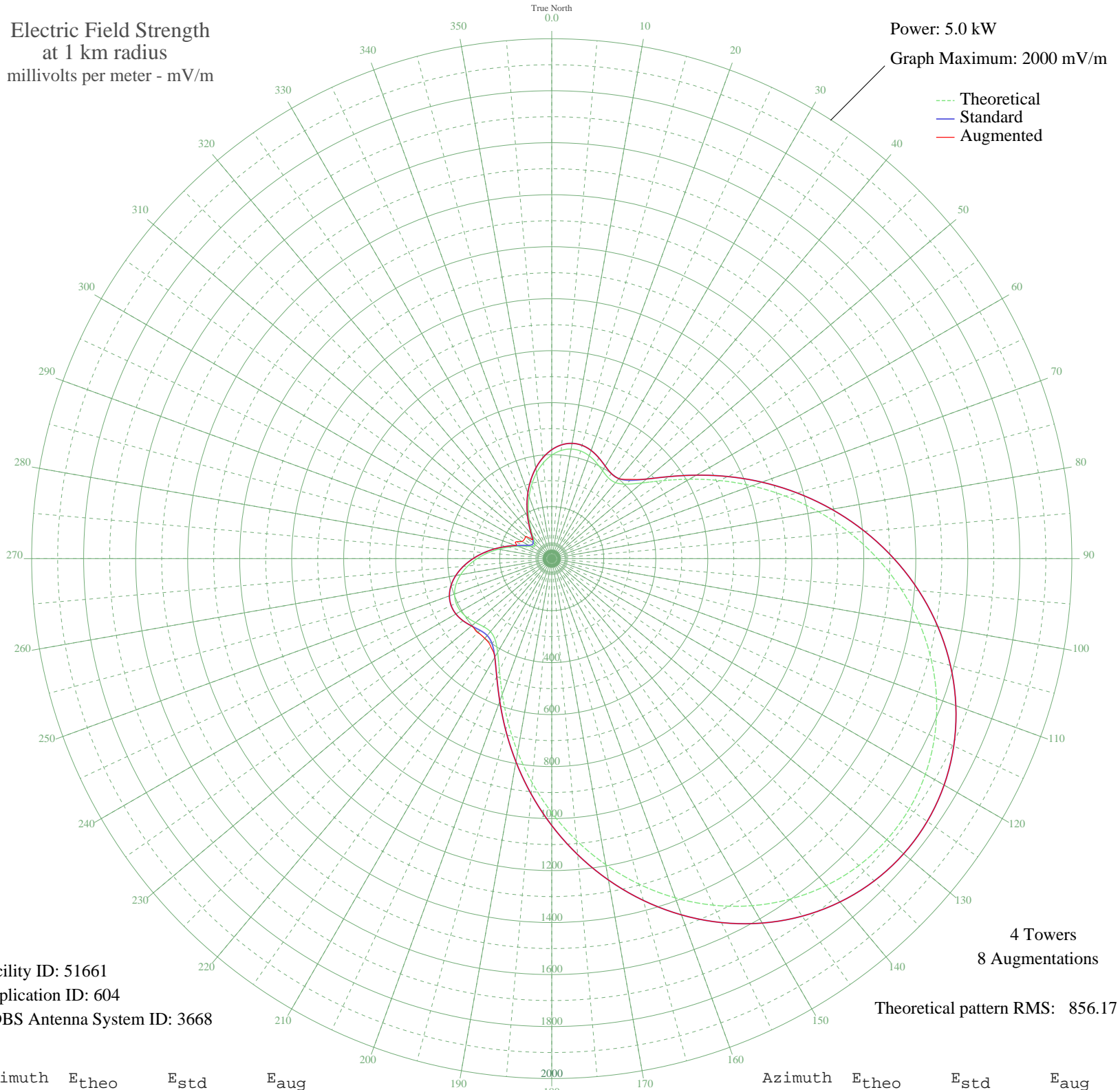


WPAT PATERSON, NJ BL-14210 930 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 51661
Application ID: 604
CDBS Antenna System ID: 3668

4 Towers
8 Augmentations
Theoretical pattern RMS: 856.17

Azimuth	E _{theo}	E _{std}	E _{aug}
0	398.11	418.99	418.99
5	417.77	439.58	439.58
10	428.07	450.37	450.37
15	428.80	451.14	451.14
20	420.88	442.84	442.84
25	406.71	427.99	427.99
30	390.68	411.21	411.21
35	379.55	399.55	399.55
40	381.82	401.92	401.92
45	405.17	426.38	431.30
50	452.94	476.44	476.44
55	523.19	550.09	550.09
60	611.05	642.23	642.23
65	711.14	747.24	747.24
70	818.71	860.11	860.11
75	929.78	976.69	976.69
80	1041.03	1093.45	1093.45
85	1149.60	1207.41	1207.41
90	1253.00	1315.95	1315.95
95	1349.03	1416.77	1416.77
100	1435.77	1507.82	1507.82
105	1511.49	1587.32	1587.32
110	1574.72	1653.70	1653.70
115	1624.22	1705.67	1705.67
120	1659.02	1742.20	1742.20
125	1678.42	1762.58	1762.58
130	1682.04	1766.37	1766.37
135	1669.77	1753.49	1753.49
140	1641.85	1724.17	1724.17
145	1598.81	1678.99	1678.99
150	1541.48	1618.80	1618.80
155	1470.97	1544.78	1544.78
160	1388.65	1458.36	1458.36
165	1296.14	1361.25	1361.25
170	1195.30	1255.38	1255.38
175	1088.22	1142.98	1142.98

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	977.28	1026.54	1026.54
185	865.18	908.88	908.88
190	755.02	793.28	793.28
195	650.44	683.56	683.56
200	555.75	584.23	584.23
205	475.93	500.54	500.54
210	416.17	437.90	437.90
215	379.99	400.01	410.38
220	366.69	386.07	400.73
225	370.36	389.91	402.34
230	382.58	402.71	402.71
235	395.72	416.48	416.48
240	404.45	425.63	425.63
245	405.63	426.86	426.86
250	397.86	418.72	418.72
255	381.00	401.06	401.06
260	355.84	374.72	374.72
265	323.87	341.25	341.25
270	287.03	302.73	302.73
275	247.61	261.55	261.55
280	208.03	220.28	220.28
285	170.72	181.50	181.50
290	137.96	147.63	147.63
295	111.74	120.73	152.89
300	93.58	102.30	131.97
305	84.40	93.07	128.75
310	84.59	93.27	131.97
315	94.23	102.95	102.95
320	113.04	122.06	122.06
325	140.17	149.90	149.90
330	174.13	185.04	185.04
335	212.98	225.44	225.44
340	254.44	268.68	268.68
345	296.08	312.18	312.18
350	335.41	353.33	353.33
355	370.12	389.66	389.66