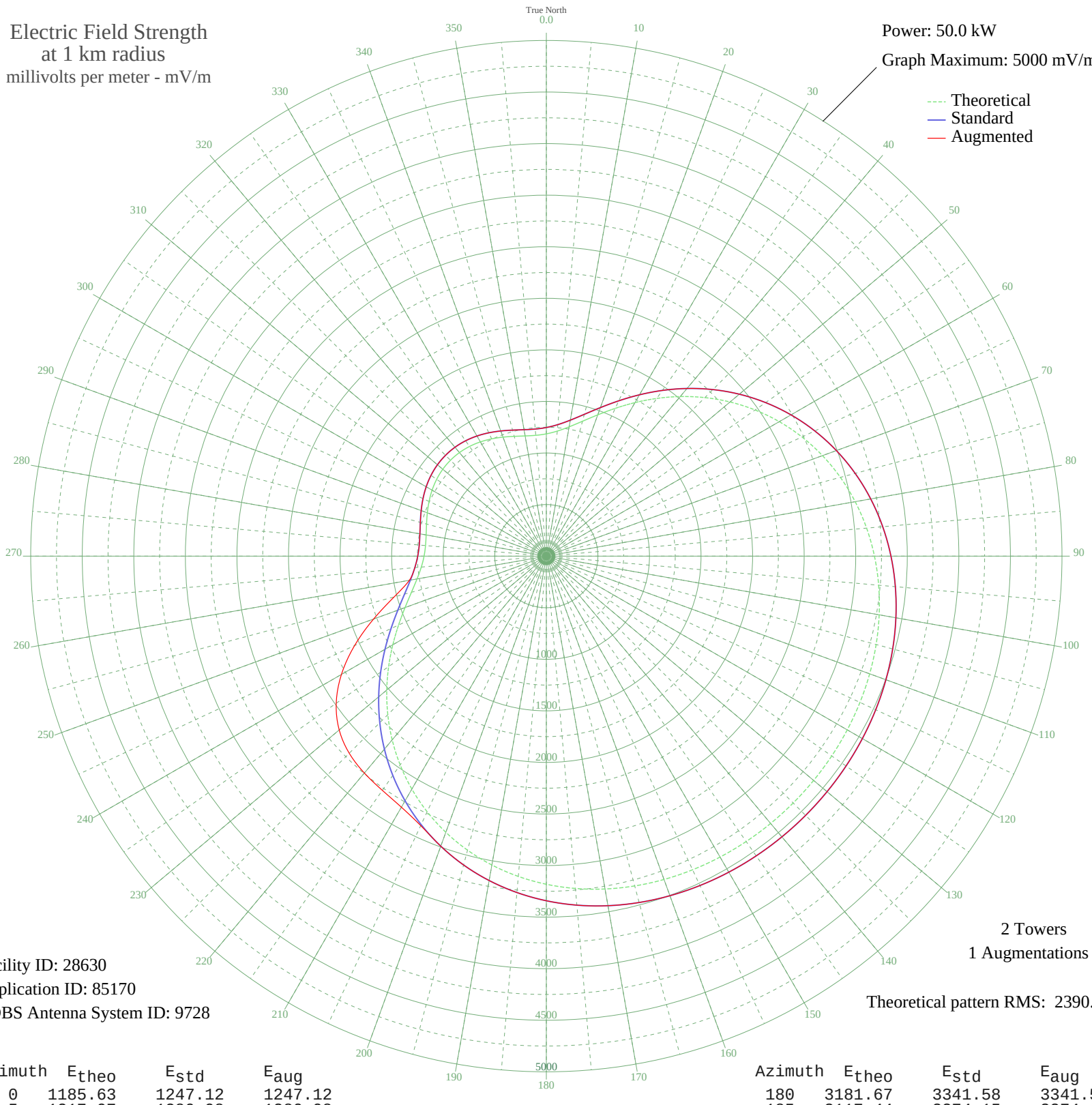
WYLL CHICAGO, IL BL-19860122AL 1160 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
1 Augmentations

Facility ID: 28630
Application ID: 85170
CDBS Antenna System ID: 9728

Theoretical pattern RMS: 2390.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1185.63	1247.12	1247.12
5	1217.07	1280.08	1280.08
10	1273.09	1338.80	1338.80
15	1354.03	1423.67	1423.67
20	1457.90	1532.60	1532.60
25	1581.06	1661.77	1661.77
30	1718.94	1806.41	1806.41
35	1866.75	1961.49	1961.49
40	2019.84	2122.13	2122.13
45	2173.98	2283.88	2283.88
50	2325.41	2442.81	2442.81
55	2470.97	2595.58	2595.58
60	2608.06	2739.47	2739.47
65	2734.72	2872.42	2872.42
70	2849.56	2992.96	2992.96
75	2951.74	3100.22	3100.22
80	3040.98	3193.89	3193.89
85	3117.44	3274.15	3274.15
90	3181.67	3341.58	3341.58
95	3234.54	3397.08	3397.08
100	3277.14	3441.79	3441.79
105	3310.67	3477.00	3477.00
110	3336.39	3504.00	3504.00
115	3355.52	3524.07	3524.07
120	3369.13	3538.37	3538.37
125	3378.16	3547.85	3547.85
130	3383.29	3553.23	3553.23
135	3384.96	3554.98	3554.98
140	3383.29	3553.23	3553.23
145	3378.16	3547.85	3547.85
150	3369.13	3538.37	3538.37
155	3355.52	3524.07	3524.07
160	3336.39	3504.00	3504.00
165	3310.67	3477.00	3477.00
170	3277.14	3441.79	3441.79
175	3234.54	3397.08	3397.08

Azimuth	E_{theo}	E_{std}	E_{aug}
180	3181.67	3341.58	3341.58
185	3117.44	3274.15	3274.15
190	3040.98	3193.89	3193.89
195	2951.74	3100.22	3100.22
200	2849.56	2992.96	2992.96
205	2734.72	2872.42	2882.61
210	2608.06	2739.47	2810.93
215	2470.97	2595.58	2772.45
220	2325.41	2442.81	2745.24
225	2173.98	2283.88	2702.88
230	2019.84	2122.13	2621.94
235	1866.75	1961.49	2487.18
240	1718.94	1806.41	2294.30
245	1581.06	1661.77	2051.67
250	1457.90	1532.60	1782.44
255	1354.03	1423.67	1527.98
260	1273.09	1338.80	1348.55
265	1217.07	1280.08	1280.08
270	1185.63	1247.12	1247.12
275	1175.98	1237.01	1237.01
280	1183.48	1244.87	1244.87
285	1202.60	1264.91	1264.91
290	1227.91	1291.44	1291.44
295	1254.67	1319.49	1319.49
300	1279.09	1345.10	1345.10
305	1298.40	1365.34	1365.34
310	1310.70	1378.23	1378.23
315	1314.92	1382.66	1382.66
320	1310.70	1378.23	1378.23
325	1298.40	1365.34	1365.34
330	1279.09	1345.10	1345.10
335	1254.67	1319.49	1319.49
340	1227.91	1291.44	1291.44
345	1202.60	1264.91	1264.91
350	1183.48	1244.87	1244.87
355	1175.98	1237.01	1237.01

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission