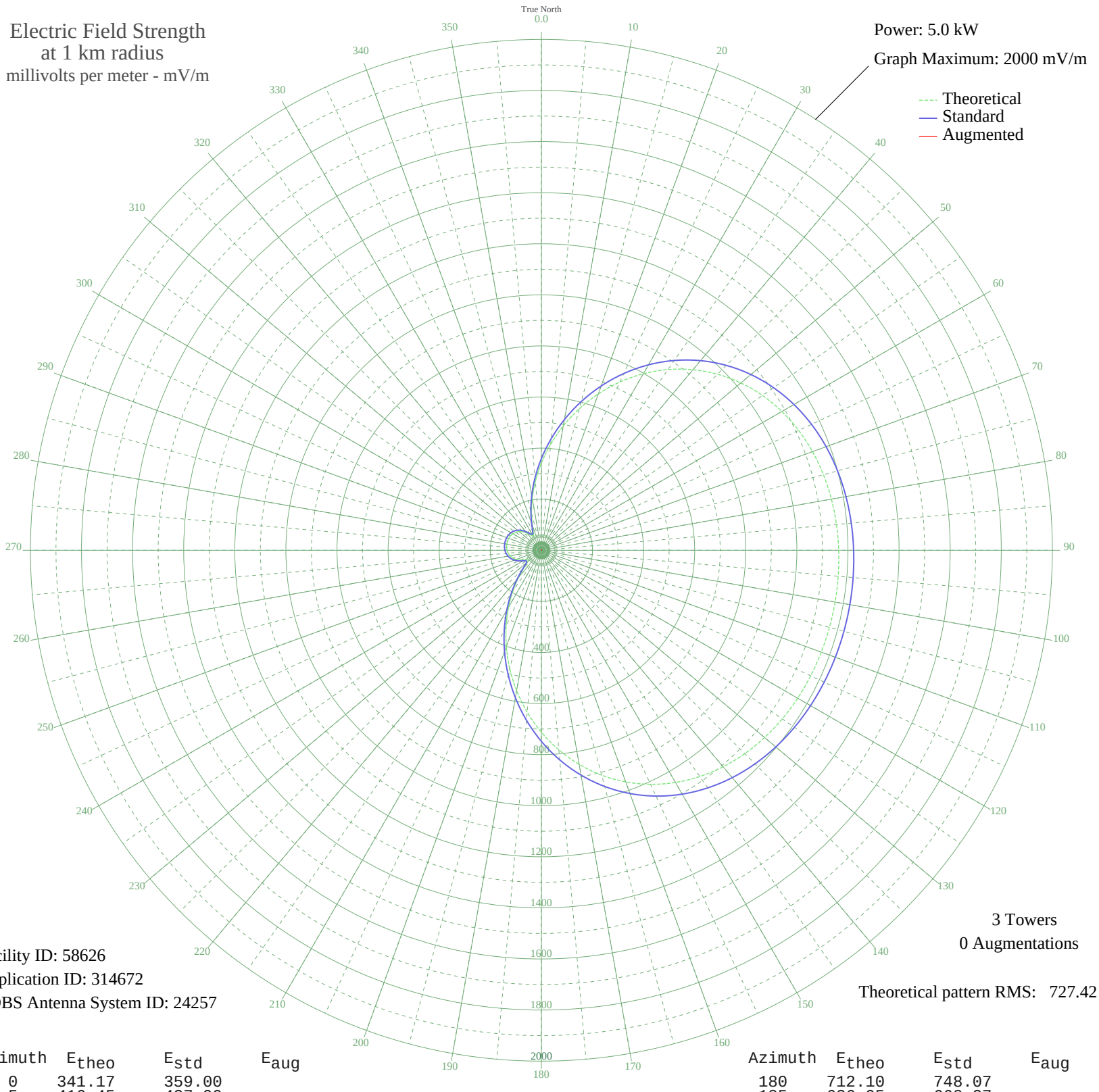
WMCA NEW YORK, NY BL-- 570 kHz

Unlimited Time

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 58626
Application ID: 314672
CDBS Antenna System ID: 24257

Theoretical pattern RMS: 727.42

Azimuth	E_{theo}	E_{std}	E_{aug}
0	341.17	359.00	
5	416.45	437.90	
10	494.49	519.75	
15	573.46	602.59	
20	651.50	684.48	
25	726.88	763.59	
30	798.03	838.26	
35	863.64	907.12	
40	922.73	969.15	
45	974.69	1023.69	
50	1019.26	1070.48	
55	1056.52	1109.60	
60	1086.84	1141.42	
65	1110.82	1166.60	
70	1129.22	1185.91	
75	1142.88	1200.26	
80	1152.67	1210.53	
85	1159.38	1217.58	
90	1163.73	1222.14	
95	1166.27	1224.81	
100	1167.39	1225.98	
105	1167.27	1225.86	
110	1165.89	1224.41	
115	1163.02	1221.40	
120	1158.25	1216.39	
125	1150.98	1208.76	
130	1140.49	1197.74	
135	1125.95	1182.48	
140	1106.50	1162.06	
145	1081.31	1135.61	
150	1049.64	1102.37	
155	1010.94	1061.75	
160	964.89	1013.40	
165	911.47	957.33	
170	851.01	893.87	
175	784.20	823.75	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	712.10	748.07	
185	636.05	668.27	
190	557.68	586.03	
195	478.75	503.23	
200	401.11	421.82	
205	326.60	343.74	
210	256.98	270.84	
215	193.95	205.00	
220	139.41	148.26	
225	96.20	103.70	
230	69.59	76.75	
235	64.93	72.11	
240	75.91	83.09	
245	91.06	98.46	
250	104.96	112.68	
255	116.09	124.14	
260	124.38	132.69	
265	130.19	138.70	
270	134.00	142.64	
275	136.24	144.96	
280	137.23	145.99	
285	137.12	145.88	
290	135.90	144.61	
295	133.37	142.00	
300	129.20	137.68	
305	122.94	131.20	
310	114.10	122.08	
315	102.38	110.03	
320	88.04	95.38	
325	73.09	80.26	
330	64.20	71.38	
335	73.23	80.40	
340	103.73	111.42	
345	149.53	158.75	
350	205.94	217.51	
355	270.43	284.92	

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