

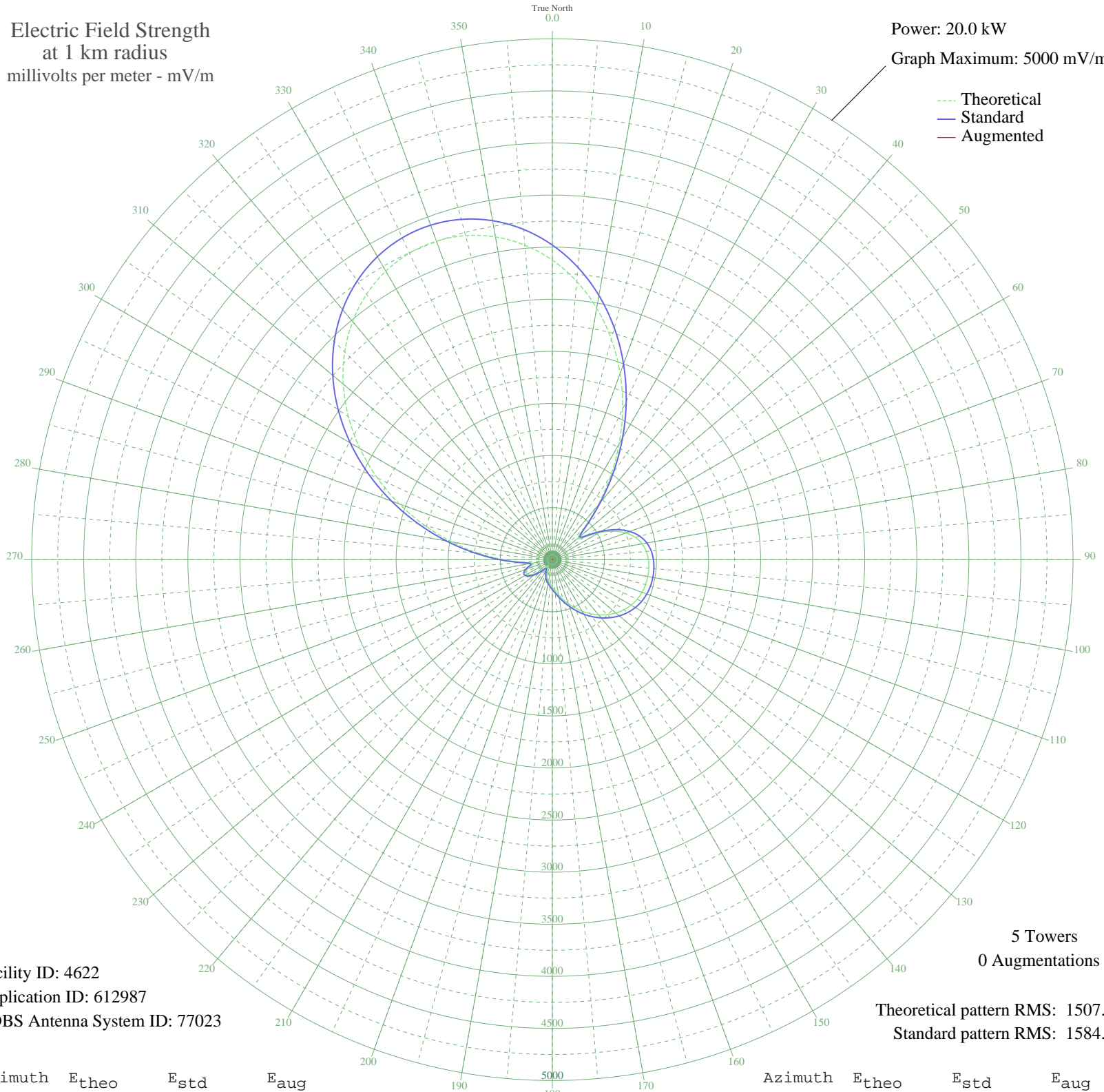
WSDZ BELLEVILLE, IL BL-20020909ABQ 1260 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 4622
Application ID: 612987
CDBS Antenna System ID: 77023

5 Towers
0 Augmentations

Theoretical pattern RMS: 1507.50
Standard pattern RMS: 1584.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2875.47	3020.11	
5	2681.69	2816.70	
10	2452.01	2575.63	
15	2190.51	2301.17	
20	1902.92	1999.38	
25	1596.85	1678.25	
30	1281.95	1347.99	
35	970.41	1021.50	
40	678.97	716.59	
45	437.93	465.49	
50	319.19	342.88	
55	379.25	404.74	
60	514.55	545.10	
65	645.24	681.36	
70	749.76	790.57	
75	825.23	869.51	
80	875.14	921.74	
85	905.35	953.37	
90	921.89	970.69	
95	929.49	978.65	
100	930.87	980.09	
105	926.75	975.77	
110	916.50	965.04	
115	898.96	946.68	
120	873.19	919.70	
125	838.88	883.79	
130	796.42	839.37	
135	746.85	787.52	
140	691.63	729.81	
145	632.46	668.01	
150	571.15	604.06	
155	509.56	539.91	
160	449.60	477.59	
165	393.24	419.20	
170	342.47	366.81	
175	298.96	322.14	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	263.49	285.98	
185	235.19	257.34	
190	211.20	233.28	
195	187.29	209.55	
200	159.29	182.25	
205	124.91	149.81	
210	86.80	116.38	
215	64.43	99.07	
220	91.94	120.66	
225	147.41	170.87	
230	204.95	227.05	
235	252.00	274.32	
240	279.31	302.07	
245	279.83	302.60	
250	251.01	273.32	
255	203.53	225.63	
260	190.62	212.84	
265	288.61	311.57	
270	475.24	504.23	
275	712.49	751.60	
280	981.41	1033.02	
285	1268.84	1334.24	
290	1563.24	1642.99	
295	1854.13	1948.18	
300	2132.27	2240.05	
305	2389.82	2510.35	
310	2620.52	2752.50	
315	2819.60	2961.47	
320	2983.66	3133.68	
325	3110.35	3266.67	
330	3198.16	3358.85	
335	3246.12	3409.20	
340	3253.61	3417.05	
345	3220.24	3382.02	
350	3145.87	3303.96	
355	3030.71	3183.06	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission