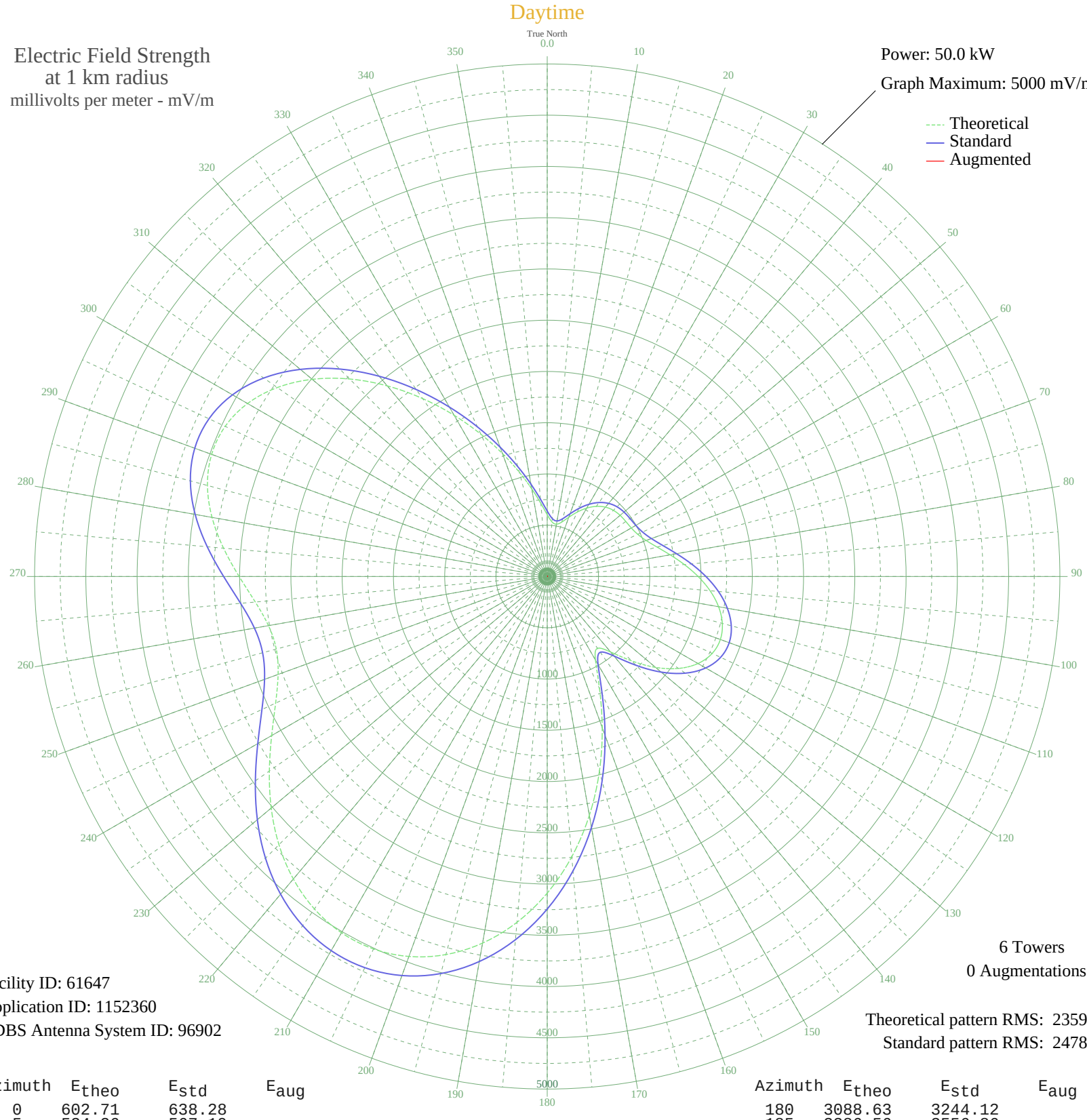
KMPC LOS ANGELES, CA BP-20060322AAZ 1540 kHz

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

6 Towers
0 Augmentations

Facility ID: 61647
Application ID: 1152360
CDBS Antenna System ID: 96902

Theoretical pattern RMS: 2359.00
Standard pattern RMS: 2478.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	602.71	638.28	
5	534.26	567.10	
10	517.83	550.04	
15	550.12	583.58	
20	615.10	651.19	
25	693.58	732.99	
30	770.29	813.07	
35	835.24	880.94	
40	883.09	930.97	
45	912.85	962.09	
50	927.83	977.76	
55	935.51	985.80	
60	946.84	997.65	
65	974.04	1026.11	
70	1026.89	1081.43	
75	1109.09	1167.51	
80	1217.11	1280.66	
85	1341.97	1411.52	
90	1471.93	1547.76	
95	1594.42	1676.21	
100	1697.04	1783.83	
105	1768.06	1858.33	
110	1797.01	1888.69	
115	1775.41	1866.03	
120	1697.89	1784.72	
125	1563.79	1644.08	
130	1379.62	1450.98	
135	1164.24	1225.28	
140	960.79	1012.25	
145	854.91	901.50	
150	940.75	991.28	
155	1206.09	1269.12	
160	1568.38	1648.90	
165	1966.68	2066.68	
170	2366.09	2485.78	
175	2744.98	2883.43	

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.

16 Jan 2010

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	3088.63	3244.12	
185	3386.56	3556.86	
190	3631.43	3813.91	
195	3818.35	4010.13	
200	3944.54	4142.60	
205	4009.12	4210.39	
210	4013.01	4214.48	
215	3959.06	4157.84	
220	3852.28	4045.75	
225	3700.31	3886.22	
230	3514.08	3690.72	
235	3308.57	3474.99	
240	3103.48	3259.72	
245	2922.98	3070.25	
250	2793.15	2933.99	
255	2735.90	2873.89	
260	2760.45	2899.66	
265	2858.12	3002.18	
270	3004.81	3156.15	
275	3169.05	3328.55	
280	3319.75	3486.73	
285	3430.83	3603.33	
290	3483.29	3658.40	
295	3465.86	3640.11	
300	3374.90	3544.63	
305	3213.89	3375.61	
310	2992.40	3143.12	
315	2724.60	2862.04	
320	2427.54	2550.27	
325	2119.06	2226.56	
330	1815.85	1908.46	
335	1531.68	1610.41	
340	1276.13	1342.51	
345	1054.25	1110.08	
350	867.47	914.64	
355	716.10	756.49	