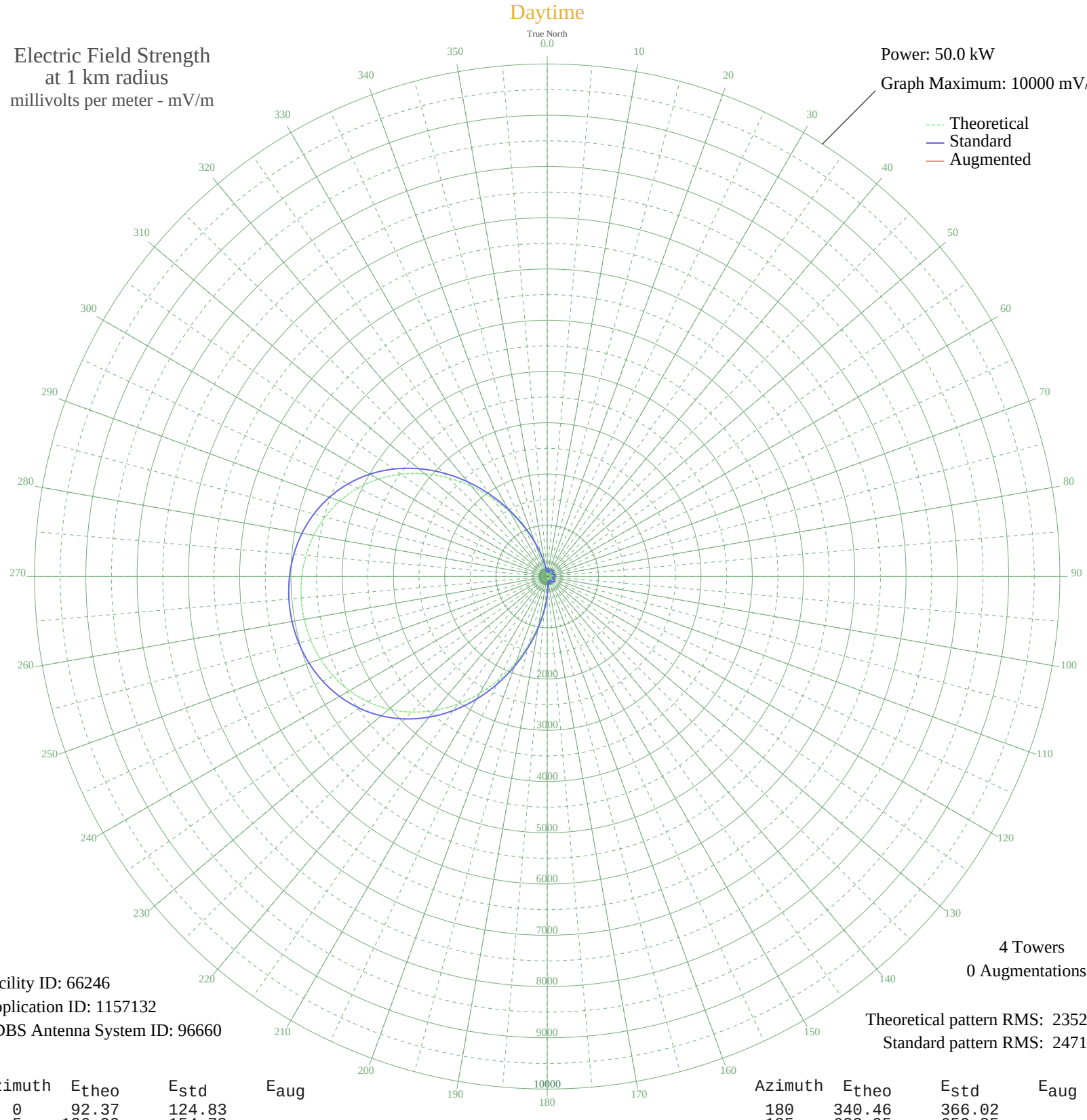
KTRB SAN FRANCISCO, CA BMP-20061027AGM 860 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 66246
Application ID: 1157132
CDBS Antenna System ID: 96660

Theoretical pattern RMS: 2352.00
Standard pattern RMS: 2471.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	92.37	124.83	
5	126.99	154.78	
10	115.48	144.49	
15	72.68	109.55	
20	14.02	79.96	
25	46.68	92.62	
30	98.00	129.48	
35	132.54	159.82	
40	146.75	172.97	
45	140.86	167.49	
50	118.47	147.14	
55	86.61	120.19	
60	59.02	100.08	
65	59.56	100.44	
70	84.25	118.33	
75	109.26	139.06	
80	124.24	152.30	
85	125.66	153.58	
90	113.23	142.52	
95	89.72	122.68	
100	63.50	103.06	
105	56.20	98.28	
110	80.10	115.11	
115	112.55	141.92	
120	137.53	164.41	
125	147.11	173.31	
130	137.05	163.97	
135	106.42	136.61	
140	57.98	99.41	
145	2.04	78.62	
150	61.74	101.87	
155	108.92	138.77	
160	127.93	155.63	
165	103.62	134.22	
170	23.96	82.52	
175	124.50	152.53	

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 Sep 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	340.46	366.02	
185	623.95	659.85	
190	966.82	1018.19	
195	1356.04	1426.01	
200	1775.25	1865.67	
205	2206.59	2318.25	
210	2632.63	2765.38	
215	3037.98	3190.84	
220	3410.40	3581.78	
225	3741.41	3929.26	
230	4026.23	4228.27	
235	4263.42	4477.28	
240	4454.06	4677.42	
245	4600.92	4831.61	
250	4707.51	4943.52	
255	4777.30	5016.78	
260	4813.02	5054.28	
265	4816.23	5057.66	
270	4787.10	5027.07	
275	4724.31	4961.15	
280	4625.34	4857.25	
285	4486.83	4711.82	
290	4305.20	4521.14	
295	4077.47	4282.07	
300	3802.15	3993.03	
305	3480.12	3654.97	
310	3115.42	3272.13	
315	2715.79	2852.67	
320	2292.75	2408.67	
325	1861.12	1955.75	
330	1438.04	1511.99	
335	1041.43	1096.33	
340	688.12	726.79	
345	391.93	418.97	
350	162.07	187.44	
355	8.68	79.12	