

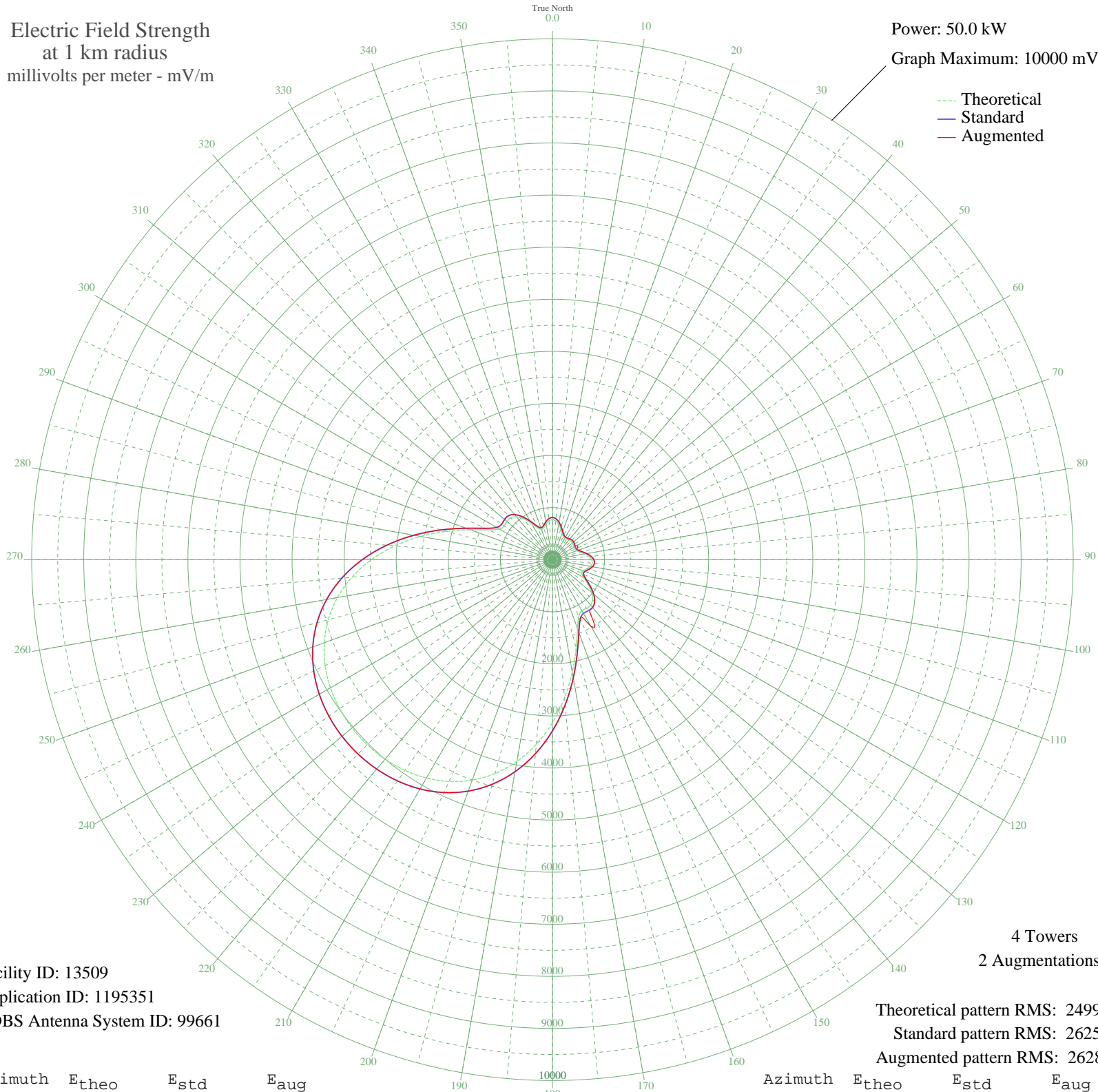
KCBQ SAN DIEGO, CA BL-20070705AJG 1170 kHz

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



Facility ID: 13509
Application ID: 1195351
CDBS Antenna System ID: 99661

4 Towers
2 Augmentations

Theoretical pattern RMS: 2499.50
Standard pattern RMS: 2625.60
Augmented pattern RMS: 2628.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	767.56	809.49	809.49
5	745.98	786.94	786.94
10	690.81	729.30	729.30
15	617.07	652.34	652.34
20	544.36	576.58	576.58
25	491.95	522.08	522.08
30	470.48	499.78	499.78
35	475.02	504.50	504.50
40	490.02	520.08	520.08
45	500.70	531.17	531.17
50	499.40	529.82	529.82
55	486.98	516.91	516.91
60	472.72	502.11	527.77
65	472.31	501.68	527.36
70	500.10	530.54	530.54
75	557.83	590.60	590.60
80	632.40	668.33	668.33
85	703.90	742.97	742.97
90	753.35	794.64	794.64
95	767.05	808.96	808.96
100	740.40	781.11	781.11
105	683.20	721.35	721.35
110	626.79	662.48	662.48
115	622.18	657.67	657.67
120	701.49	740.46	740.46
125	839.24	884.45	884.45
130	982.79	1034.71	1034.71
135	1089.68	1146.68	1146.68
140	1139.04	1198.39	1198.39
145	1138.22	1197.54	1277.30
150	1132.03	1191.04	1476.12
155	1199.94	1262.22	1262.22
160	1408.80	1481.18	1481.18
165	1756.80	1846.19	1846.19
170	2193.64	2304.57	2304.57
175	2665.29	2799.58	2799.58

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3129.96	3287.34	3287.34
185	3559.01	3737.73	3737.73
190	3935.08	4132.53	4132.53
195	4250.09	4463.24	4463.24
200	4502.99	4728.75	4728.75
205	4697.55	4933.01	4933.01
210	4840.27	5082.85	5082.85
215	4938.47	5185.95	5185.95
220	4998.82	5249.31	5249.31
225	5026.25	5278.10	5278.10
230	5023.24	5274.94	5274.94
235	4989.51	5239.53	5239.53
240	4922.05	5168.71	5168.71
245	4815.52	5056.86	5056.86
250	4663.02	4896.75	4896.75
255	4457.25	4680.72	4680.72
260	4192.11	4402.37	4402.37
265	3864.61	4058.54	4058.54
270	3477.02	3651.66	3651.66
275	3039.13	3191.99	3191.99
280	2570.38	2699.96	2699.96
285	2101.90	2208.30	2208.30
290	1678.22	1763.76	1763.76
295	1354.79	1424.54	1424.54
300	1176.41	1237.56	1237.56
305	1130.17	1189.09	1189.09
310	1140.85	1200.29	1200.29
315	1133.89	1193.00	1193.00
320	1072.59	1128.77	1128.77
325	955.93	1006.58	1006.58
330	809.55	853.40	853.40
335	679.40	717.39	717.39
340	616.64	651.89	651.89
345	635.68	671.75	671.75
350	695.94	734.66	734.66
355	748.75	789.84	789.84