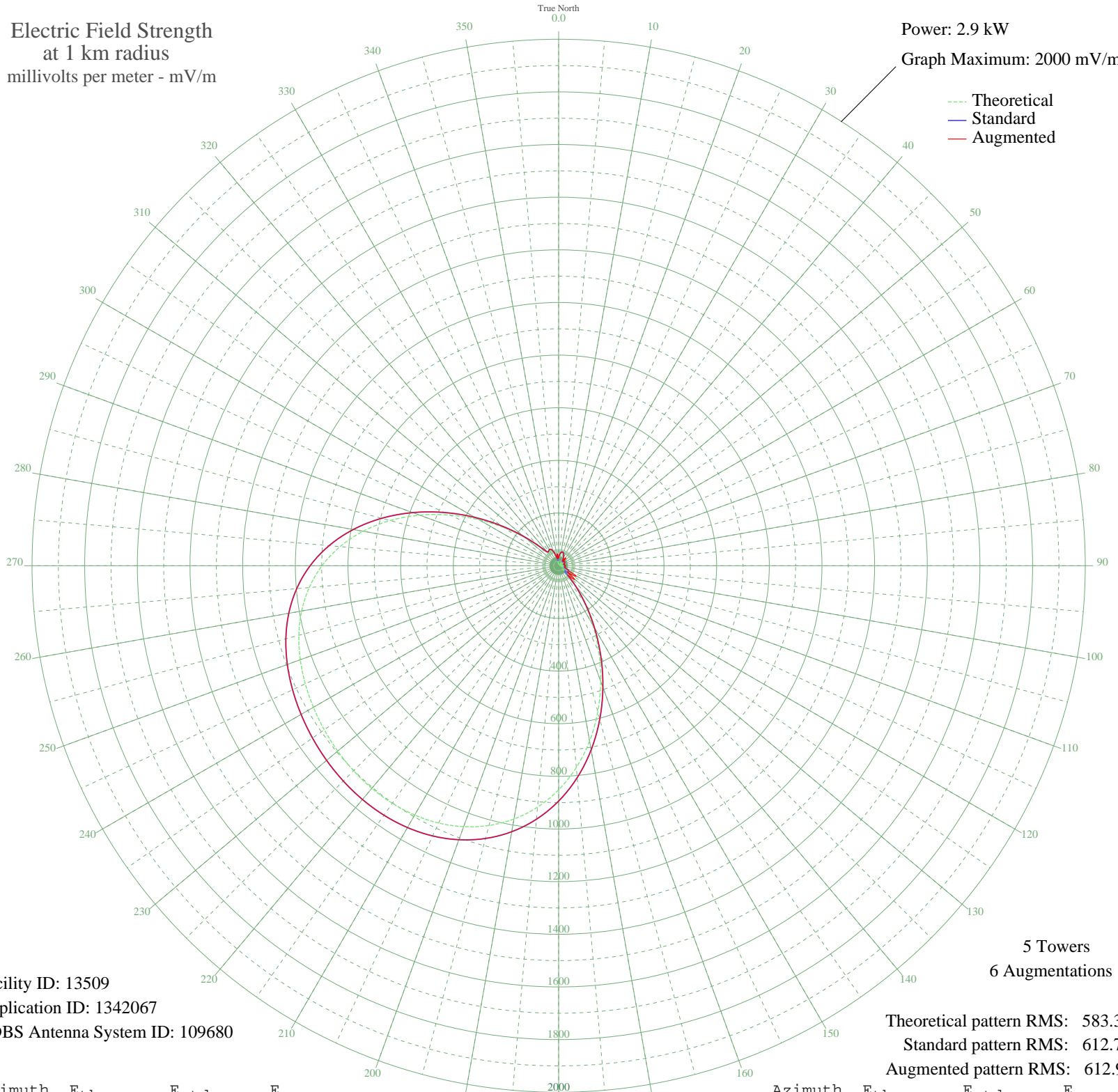


KCBQ SAN DIEGO, CA BML-20091030AIG 1170 kHz

Nighttime

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

Power: 2.9 kW
Graph Maximum: 2000 mV/m



Facility ID: 13509
Application ID: 1342067
CDBS Antenna System ID: 109680

5 Towers
6 Augmentations

Theoretical pattern RMS: 583.30
Standard pattern RMS: 612.70
Augmented pattern RMS: 612.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	24.57	31.39	31.39
5	37.70	43.44	43.44
10	45.91	51.41	51.41
15	48.87	54.34	54.34
20	46.78	52.28	52.28
25	40.29	45.93	45.93
30	30.46	36.64	36.64
35	18.85	26.67	26.67
40	8.22	19.85	32.27
45	8.59	20.03	32.37
50	15.62	24.26	24.26
55	19.84	27.46	27.46
60	19.92	27.52	27.52
65	15.94	24.49	24.49
70	8.87	20.16	20.30
75	2.75	18.11	23.39
80	9.60	20.53	20.53
85	15.89	24.46	24.46
90	18.34	26.28	26.28
95	16.04	24.56	24.56
100	10.36	20.93	24.34
105	11.47	21.56	24.89
110	22.91	29.97	29.97
115	34.22	40.13	40.13
120	39.70	45.36	72.68
125	35.22	41.08	50.25
130	22.11	29.30	77.15
135	37.96	43.69	49.46
140	92.43	98.69	98.69
145	167.72	177.01	177.01
150	258.70	272.23	272.23
155	360.48	378.92	378.92
160	467.58	491.29	491.29
165	574.53	603.52	603.52
170	676.43	710.48	710.48
175	769.49	808.16	808.16

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	851.23	893.97	893.97
185	920.43	966.61	966.61
190	976.94	1025.95	1025.95
195	1021.38	1072.60	1072.60
200	1054.79	1107.67	1107.67
205	1078.41	1132.47	1132.47
210	1093.58	1148.39	1148.39
215	1101.60	1156.82	1156.82
220	1103.79	1159.12	1159.12
225	1101.37	1156.57	1156.57
230	1095.40	1150.31	1150.31
235	1086.68	1141.16	1141.16
240	1075.54	1129.46	1129.46
245	1061.70	1114.93	1114.93
250	1044.18	1096.54	1096.54
255	1021.34	1072.55	1072.55
260	991.01	1040.71	1040.71
265	950.85	998.55	998.55
270	898.75	943.85	943.85
275	833.28	875.13	875.13
280	754.19	792.10	792.10
285	662.67	696.04	696.04
290	561.57	589.91	589.91
295	455.22	478.32	478.32
300	349.20	367.09	367.09
305	249.78	262.87	262.87
310	163.61	172.72	172.72
315	98.29	104.75	104.75
320	63.96	69.50	69.50
325	60.98	66.48	66.48
330	65.47	71.04	71.04
335	62.82	68.34	68.34
340	51.48	56.93	56.93
345	34.01	39.94	39.94
350	14.05	23.18	30.42
355	8.01	19.76	43.40

10 Nov 2011

Prepared by Audio Division, Media Bureau
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