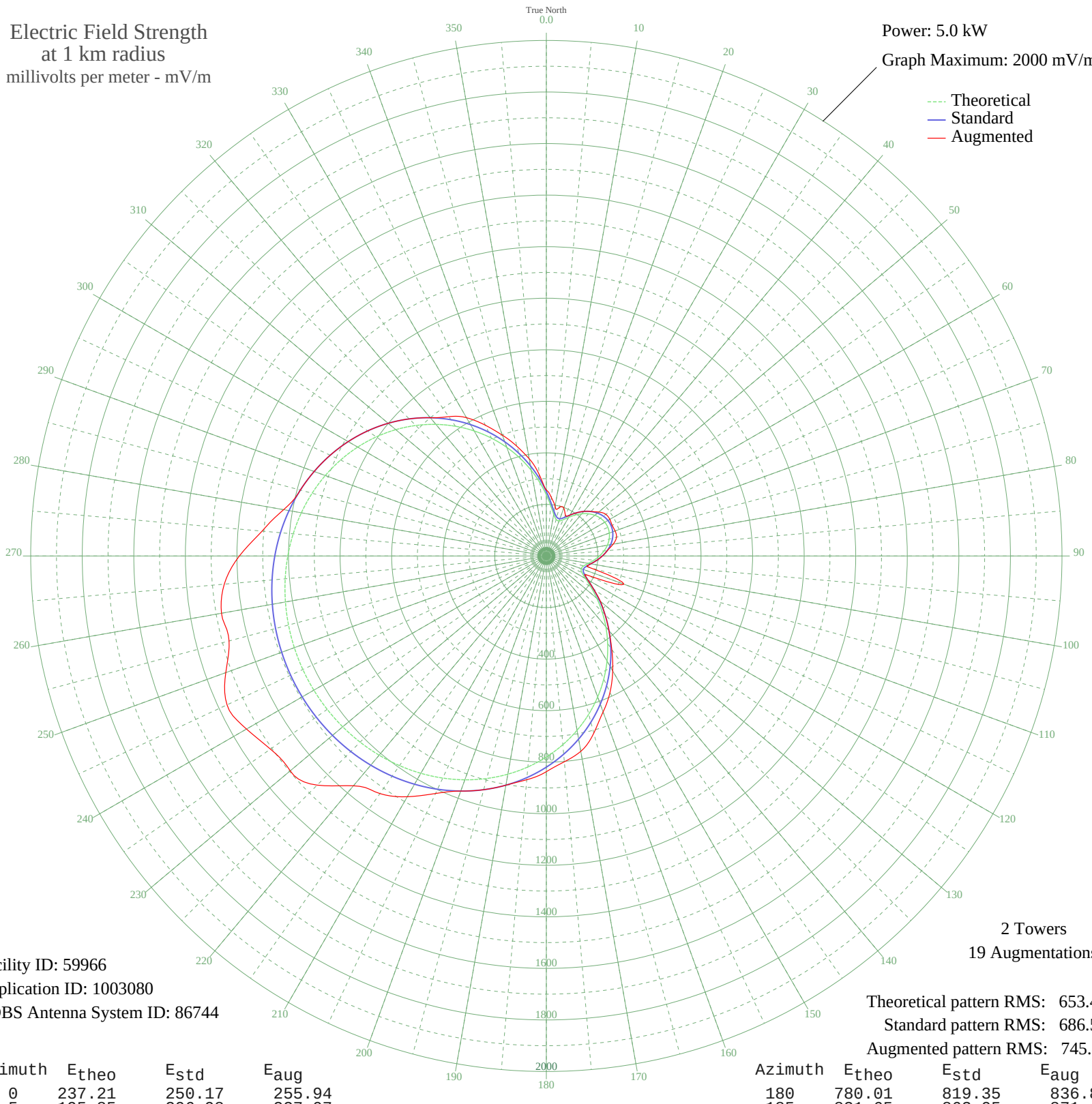
KKSF OAKLAND, CA 0L-20040629ACX 910 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
19 Augmentations

Facility ID: 59966
Application ID: 1003080
CDBS Antenna System ID: 86744

Theoretical pattern RMS: 653.40
Standard pattern RMS: 686.50
Augmented pattern RMS: 745.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	237.21	250.17	255.94
5	195.85	206.98	227.07
10	164.45	174.26	195.06
15	146.77	155.88	194.75
20	144.57	153.60	197.78
25	155.14	164.58	174.99
30	173.06	183.22	183.22
35	193.57	204.60	204.60
40	213.58	225.49	225.49
45	231.27	243.96	243.96
50	245.56	258.91	265.21
55	255.85	269.66	281.64
60	261.77	275.86	284.24
65	263.14	277.30	281.73
70	259.94	273.94	283.84
75	252.24	265.89	281.64
80	240.30	253.40	262.94
85	224.55	236.95	237.31
90	205.78	217.34	217.34
95	185.29	195.97	195.97
100	165.35	175.20	175.20
105	149.71	158.94	174.84
110	143.66	152.66	320.26
115	151.99	161.31	177.00
120	175.56	185.83	185.83
125	211.40	223.21	223.21
130	255.76	269.58	273.59
135	305.71	321.85	321.85
140	359.15	377.84	377.84
145	414.60	435.96	442.68
150	470.85	494.95	514.92
155	526.94	553.79	584.05
160	582.05	611.60	643.74
165	635.46	667.65	711.42
170	686.57	721.28	769.61
175	734.89	771.99	801.45

Azimuth	E_{theo}	E_{std}	E_{aug}
180	780.01	819.35	836.86
185	821.65	863.05	871.41
190	859.61	902.89	902.89
195	893.77	938.75	938.75
200	924.12	970.61	970.61
205	950.68	998.49	1016.74
210	973.56	1022.50	1078.59
215	992.87	1042.78	1125.25
220	1008.78	1059.47	1163.91
225	1021.43	1072.75	1257.18
230	1030.97	1082.77	1296.82
235	1037.53	1089.66	1306.37
240	1041.20	1093.52	1342.92
245	1042.05	1094.40	1366.47
250	1040.08	1092.33	1323.11
255	1035.26	1087.27	1273.98
260	1027.51	1079.15	1279.43
265	1016.75	1067.84	1253.89
270	1002.81	1053.21	1190.61
275	985.56	1035.11	1106.63
280	964.84	1013.35	1034.61
285	940.50	987.81	987.81
290	912.43	958.34	958.34
295	880.56	924.89	924.89
300	844.87	887.43	887.43
305	805.43	846.02	846.02
310	762.36	800.83	800.83
315	715.92	752.09	752.09
320	666.44	700.15	700.15
325	614.34	645.48	659.81
330	560.17	588.65	619.60
335	504.58	530.33	559.76
340	448.32	471.32	498.90
345	392.26	412.54	440.31
350	337.46	355.11	383.02
355	285.21	300.39	317.07

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission