

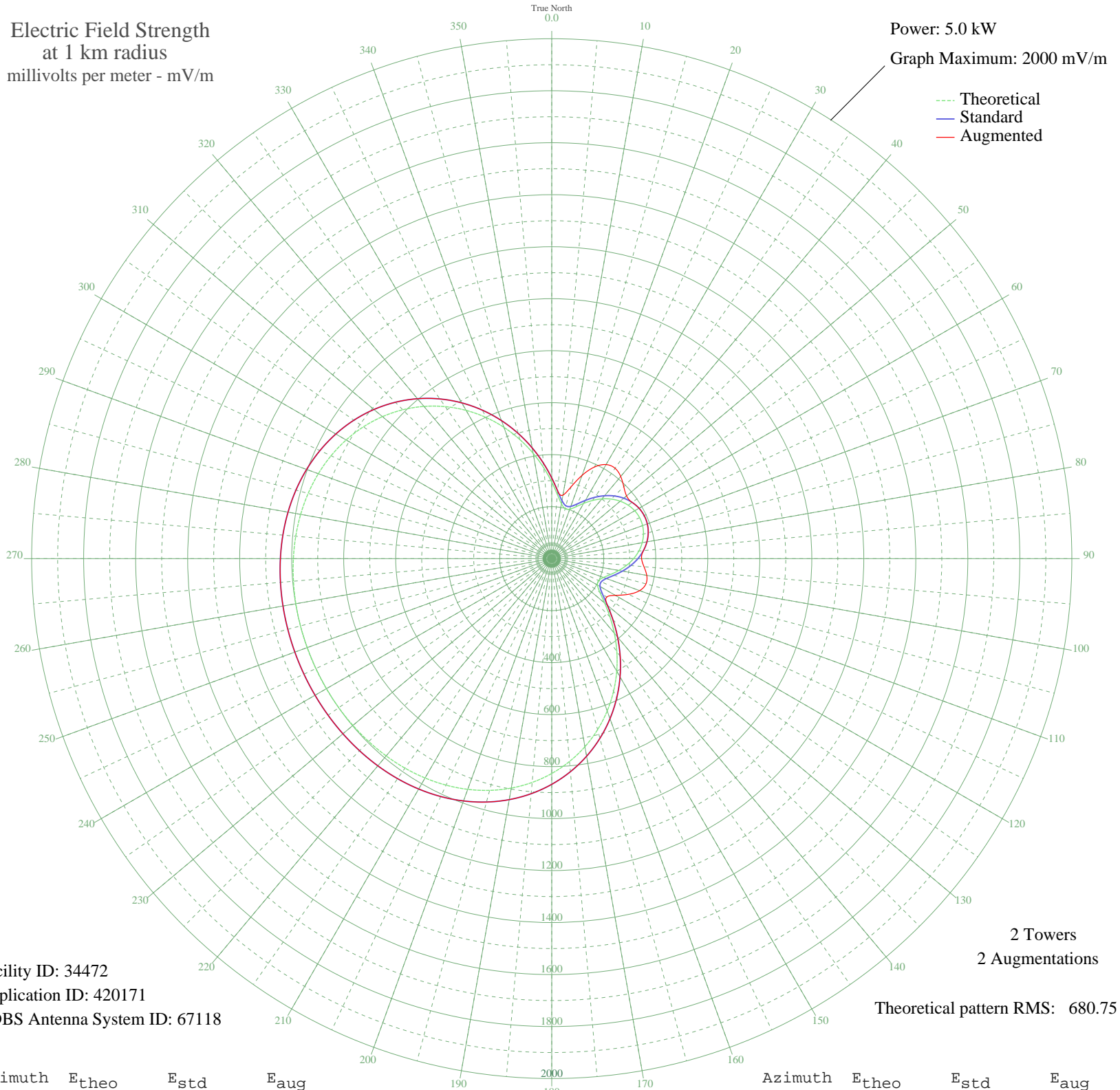
# KSFO SAN FRANCISCO, CA BL-19800506AE 560 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 34472  
Application ID: 420171  
CDBS Antenna System ID: 67118

2 Towers  
2 Augmentations  
Theoretical pattern RMS: 680.75

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	294.75	310.38	310.38
5	247.83	261.27	261.27
10	214.46	226.40	248.08
15	199.08	210.35	285.40
20	202.42	213.84	340.90
25	220.02	232.21	389.01
30	245.34	258.67	417.86
35	273.11	287.73	424.50
40	299.96	315.83	412.60
45	323.88	340.88	391.67
50	343.68	361.62	375.57
55	358.68	377.34	377.34
60	368.48	387.61	387.61
65	372.87	392.21	392.21
70	371.77	391.06	391.06
75	365.20	384.17	384.17
80	353.28	371.69	371.69
85	336.30	353.90	353.90
90	314.75	331.32	345.49
95	289.49	304.87	356.09
100	261.96	276.06	371.04
105	234.66	247.51	375.15
110	211.69	223.51	359.77
115	199.03	210.30	325.09
120	202.90	214.33	282.48
125	225.85	238.31	257.63
130	265.25	279.50	279.50
135	316.21	332.85	332.85
140	374.34	393.76	393.76
145	436.34	458.76	458.76
150	499.74	525.25	525.25
155	562.65	591.25	591.25
160	623.55	655.15	655.15
165	681.22	715.67	715.67
170	734.71	771.80	771.80
175	783.31	822.81	822.81

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	826.55	868.19	868.19
185	864.21	907.72	907.72
190	896.26	941.37	941.37
195	922.90	969.33	969.33
200	944.47	991.97	991.97
205	961.43	1009.77	1009.77
210	974.36	1023.35	1023.35
215	983.87	1033.33	1033.33
220	990.59	1040.39	1040.39
225	995.14	1045.16	1045.16
230	998.04	1048.21	1048.21
235	999.78	1050.04	1050.04
240	1000.72	1051.02	1051.02
245	1001.09	1051.40	1051.40
250	1001.00	1051.31	1051.31
255	1000.42	1050.71	1050.71
260	999.20	1049.42	1049.42
265	997.04	1047.16	1047.16
270	993.54	1043.49	1043.49
275	988.20	1037.88	1037.88
280	980.44	1029.72	1029.72
285	969.63	1018.38	1018.38
290	955.16	1003.19	1003.19
295	936.42	983.52	983.52
300	912.88	958.81	958.81
305	884.10	928.61	928.61
310	849.82	892.62	892.62
315	809.91	850.73	850.73
320	764.49	803.06	803.06
325	713.87	749.93	749.93
330	658.61	691.94	691.94
335	599.52	629.93	629.93
340	537.65	565.02	565.02
345	474.34	498.61	498.61
350	411.25	432.45	432.45
355	350.46	368.74	368.74