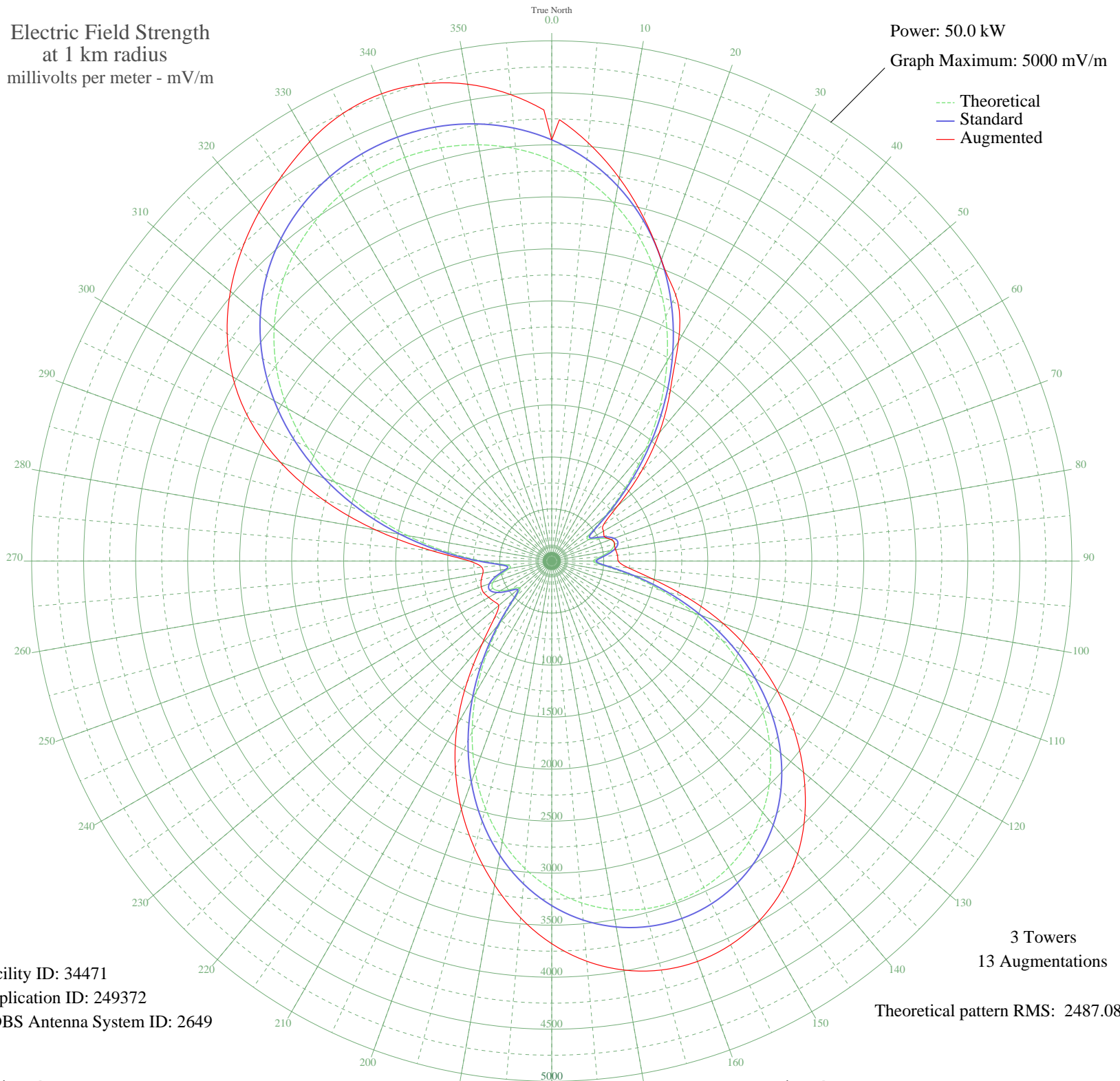


# KGO SAN FRANCISCO, CA BL-19970703AC 810 kHz

Unlimited Time

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 34471  
Application ID: 249372  
CDBS Antenna System ID: 2649

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 2487.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3854.72	4048.21	4048.21
5	3690.92	3876.26	4034.08
10	3483.46	3658.47	3738.55
15	3230.61	3393.04	3415.65
20	2932.56	3080.18	3080.18
25	2592.33	2723.07	2821.12
30	2216.54	2328.68	2437.44
35	1816.13	1908.54	1983.32
40	1407.06	1479.48	1608.74
45	1011.88	1065.35	1218.62
50	665.64	703.29	831.89
55	436.98	465.45	607.51
60	415.05	442.77	574.71
65	516.93	548.39	557.52
70	603.16	638.13	607.44
75	623.37	659.20	625.76
80	571.00	604.63	623.56
85	469.34	498.98	633.93
90	399.02	426.21	639.37
95	497.00	527.68	737.46
100	757.62	799.34	979.42
105	1092.37	1149.65	1344.08
110	1452.38	1527.01	1751.84
115	1811.17	1903.33	2143.44
120	2151.53	2260.47	2509.28
125	2461.87	2586.14	2848.00
130	2734.72	2872.52	3159.97
135	2965.95	3115.23	3442.36
140	3153.86	3312.48	3678.13
145	3298.41	3464.22	3861.33
150	3400.46	3571.34	3991.79
155	3461.11	3635.01	4069.82
160	3481.22	3656.12	4095.78
165	3461.11	3635.01	4069.82
170	3400.46	3571.34	3991.79
175	3298.41	3464.22	3861.34

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.

24 Sep 2019

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3153.86	3312.48	3678.14
185	2965.95	3115.23	3442.36
190	2734.72	2872.53	3162.18
195	2461.87	2586.15	2861.03
200	2151.54	2260.47	2540.10
205	1811.17	1903.34	2194.09
210	1452.39	1527.01	1818.12
215	1092.37	1149.66	1415.97
220	757.62	799.34	1044.04
225	497.00	527.68	782.75
230	399.02	426.21	666.00
235	469.34	498.98	677.24
240	571.00	604.63	699.52
245	623.37	659.20	721.76
250	603.16	638.13	721.15
255	516.93	548.39	701.75
260	415.06	442.77	671.93
265	436.98	465.45	675.76
270	665.64	703.28	790.98
275	1011.87	1065.34	1166.71
280	1407.06	1479.48	1717.81
285	1816.13	1908.54	2273.00
290	2216.54	2328.68	2776.47
295	2592.33	2723.07	3202.96
300	2932.56	3080.18	3540.56
305	3230.60	3393.04	3809.27
310	3483.46	3658.47	4032.71
315	3690.92	3876.26	4218.75
320	3854.71	4048.21	4378.63
325	3977.62	4177.23	4522.14
330	4062.66	4266.51	4653.55
335	4112.49	4318.82	4747.95
340	4128.89	4336.04	4779.75
345	4112.49	4318.82	4747.95
350	4062.66	4266.51	4653.55
355	3977.62	4177.23	4499.51