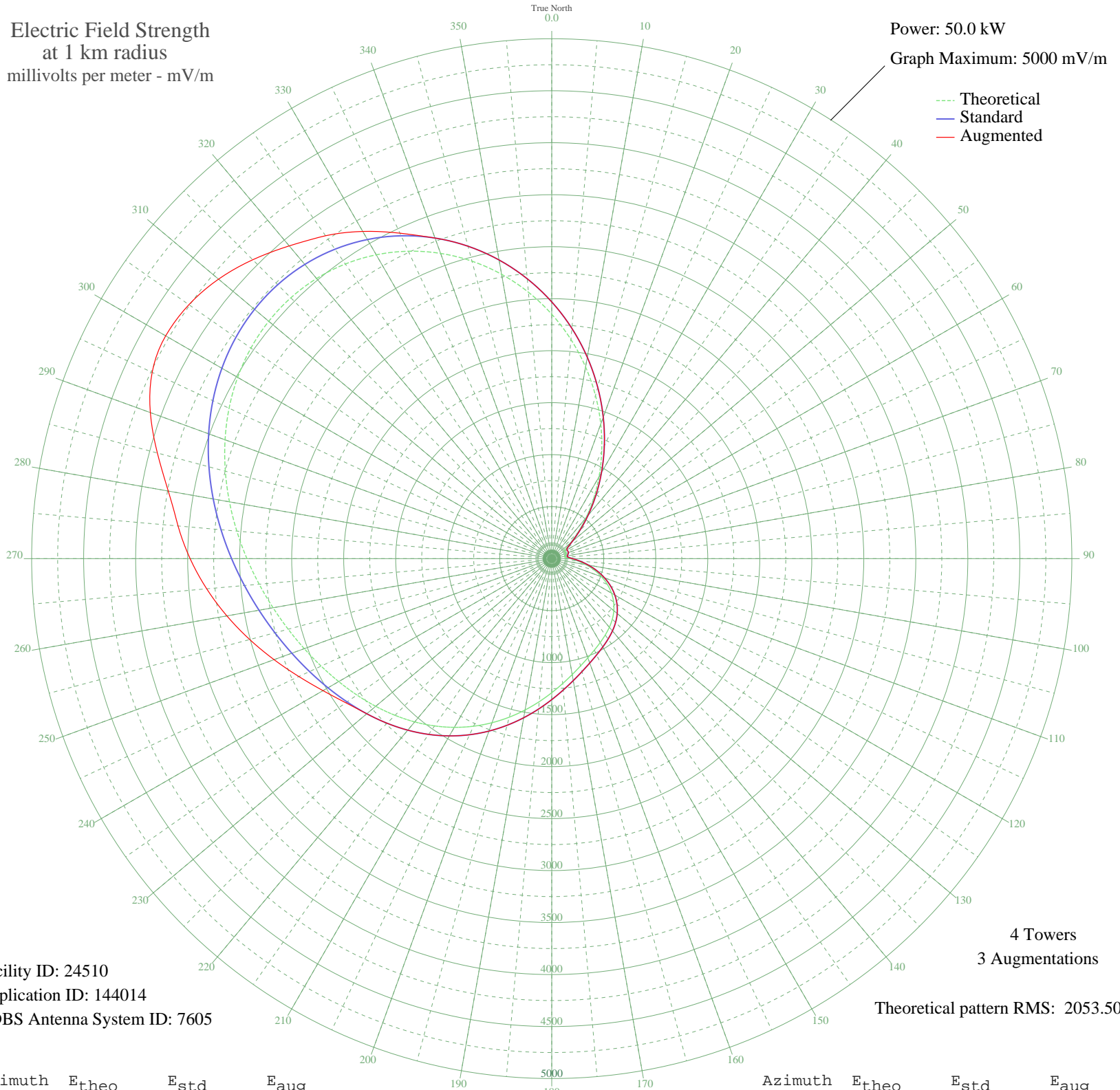


KFAX SAN FRANCISCO, CA BL-19900122AE 1100 kHz

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: 24510
Application ID: 144014
CDBS Antenna System ID: 7605

Azimuth	Etheo	Estd	Eaug
0	2350.53	2469.17	2469.17
5	2115.80	2222.83	2222.83
10	1872.12	1967.12	1967.12
15	1624.21	1707.04	1707.04
20	1377.27	1448.04	1448.04
25	1136.81	1195.96	1195.96
30	908.52	956.83	956.83
35	698.12	736.77	736.77
40	511.40	542.07	542.07
45	354.58	379.64	379.64
50	235.54	258.22	258.22
55	164.73	188.23	188.23
60	143.75	168.21	168.21
65	146.76	171.05	171.05
70	146.96	171.25	171.25
75	136.86	161.75	161.75
80	124.95	150.75	150.75
85	133.38	158.51	158.51
90	177.52	200.64	200.64
95	248.55	271.33	271.33
100	333.04	357.49	357.49
105	421.95	449.22	449.22
110	509.18	539.77	539.77
115	590.53	624.48	624.48
120	663.27	700.38	700.38
125	726.12	766.04	766.04
130	779.13	821.45	821.45
135	823.57	867.93	867.93
140	861.73	907.86	907.86
145	896.61	944.37	944.37
150	931.60	980.99	980.99
155	970.03	1021.24	1021.24
160	1014.89	1068.22	1068.22
165	1068.44	1124.31	1124.31
170	1132.01	1190.92	1190.92
175	1205.91	1268.38	1268.38

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1289.41	1355.92	1355.92
185	1380.91	1451.86	1451.86
190	1478.14	1553.82	1553.82
195	1578.47	1659.06	1659.06
200	1679.26	1764.79	1764.79
205	1778.17	1868.56	1868.56
210	1873.41	1968.48	1968.48
215	1963.95	2063.48	2063.48
220	2049.59	2153.35	2153.35
225	2130.96	2238.74	2238.74
230	2209.37	2321.02	2321.02
235	2286.64	2402.12	2402.12
240	2364.81	2484.16	2539.09
245	2445.91	2569.28	2682.67
250	2531.60	2659.21	2840.73
255	2622.98	2755.13	3005.92
260	2720.41	2857.40	3171.11
265	2823.33	2965.43	3329.83
270	2930.29	3077.70	3476.47
275	3038.96	3191.77	3606.41
280	3146.26	3304.41	3743.55
285	3248.59	3411.83	3925.09
290	3342.04	3509.93	4106.60
295	3422.62	3594.52	4238.57
300	3486.56	3661.64	4285.64
305	3530.45	3707.72	4258.17
310	3551.49	3729.80	4181.67
315	3547.50	3725.61	4065.08
320	3517.02	3693.61	3926.26
325	3459.27	3632.99	3790.98
330	3374.13	3543.61	3633.57
335	3262.06	3425.96	3453.45
340	3124.06	3281.10	3281.10
345	2961.63	3110.60	3110.60
350	2776.80	2916.58	2916.58
355	2572.07	2701.69	2701.69

4 Towers
3 Augmentations

Theoretical pattern RMS: 2053.50