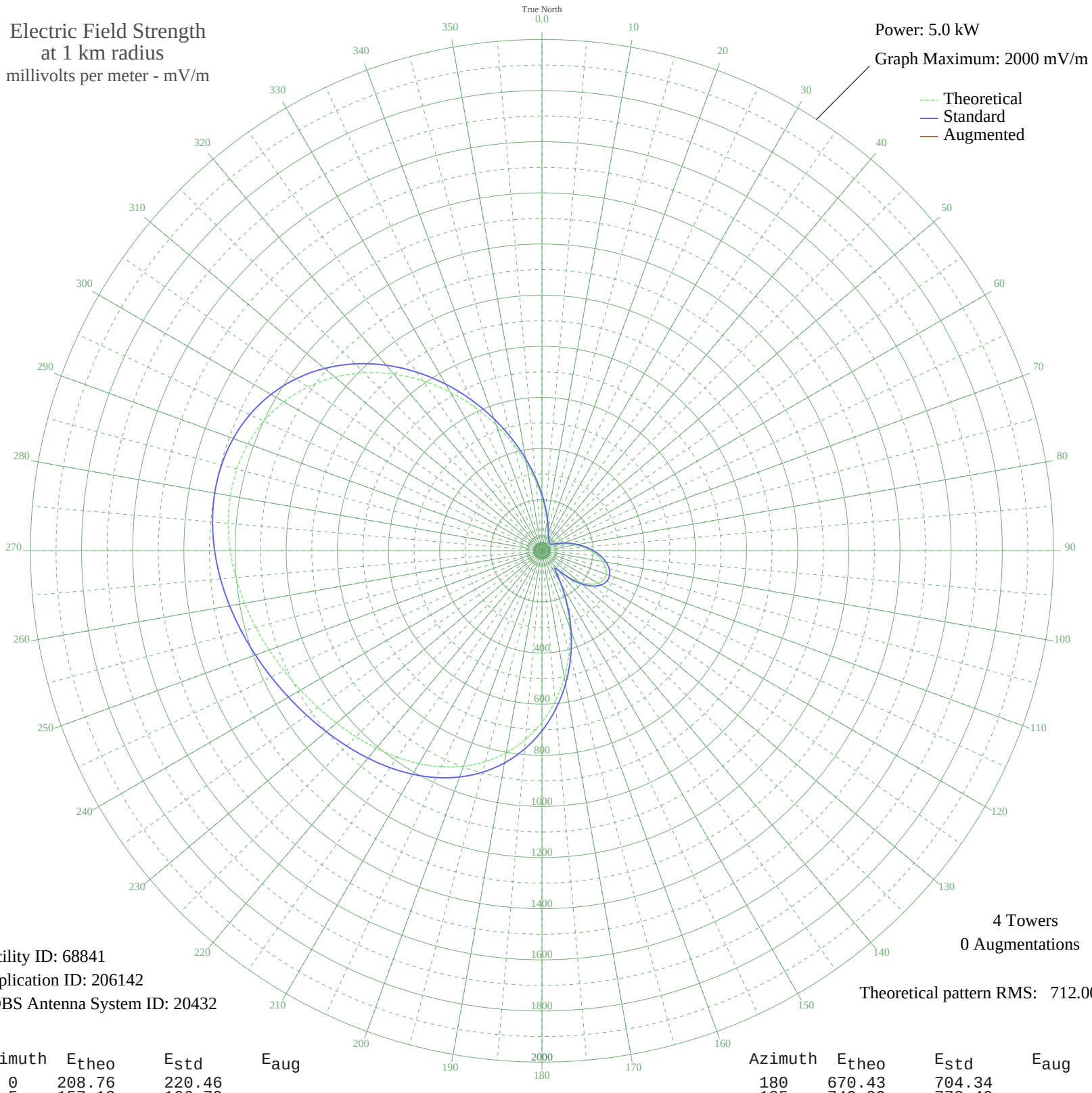
KZSF SAN JOSE, CA BL-19950203AA 1370 kHz

Unlimited Time

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 68841
Application ID: 206142
CDBS Antenna System ID: 20432

Theoretical pattern RMS: 712.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	208.76	220.46	
5	157.18	166.70	
10	117.33	125.41	
15	88.22	95.56	
20	68.09	75.25	
25	54.70	62.05	
30	45.85	53.56	
35	39.85	47.98	
40	35.71	44.24	
45	33.09	41.93	
50	32.58	41.49	
55	35.86	44.38	
60	44.73	52.51	
65	59.66	66.90	
70	79.96	87.18	
75	104.58	112.29	
80	132.25	140.83	
85	161.52	171.21	
90	190.72	201.63	
95	217.97	230.07	
100	241.22	254.37	
105	258.35	272.29	
110	267.29	281.63	
115	266.12	280.41	
120	253.32	267.02	
125	227.97	240.51	
130	190.13	201.01	
135	141.98	150.92	
140	92.90	100.33	
145	82.13	89.37	
150	139.08	147.91	
155	223.59	235.94	
160	316.61	333.27	
165	411.39	432.60	
170	503.83	529.55	
175	590.91	620.90	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	670.43	704.34	
185	740.99	778.40	
190	802.00	842.43	
195	853.58	896.57	
200	896.46	941.57	
205	931.81	978.68	
210	961.11	1009.44	
215	985.95	1035.51	
220	1007.87	1058.52	
225	1028.25	1079.91	
230	1048.22	1100.88	
235	1068.61	1122.28	
240	1089.87	1144.61	
245	1112.12	1167.96	
250	1135.11	1192.10	
255	1158.27	1216.41	
260	1180.71	1239.97	
265	1201.28	1261.56	
270	1218.60	1279.74	
275	1231.10	1292.87	
280	1237.12	1299.18	
285	1234.96	1296.92	
290	1223.04	1284.40	
295	1199.98	1260.19	
300	1164.77	1223.23	
305	1116.90	1172.98	
310	1056.49	1109.56	
315	984.35	1033.83	
320	902.02	947.41	
325	811.73	852.64	
330	716.28	752.46	
335	618.82	650.19	
340	522.69	549.33	
345	431.08	453.24	
350	346.84	364.94	
355	272.22	286.79	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission