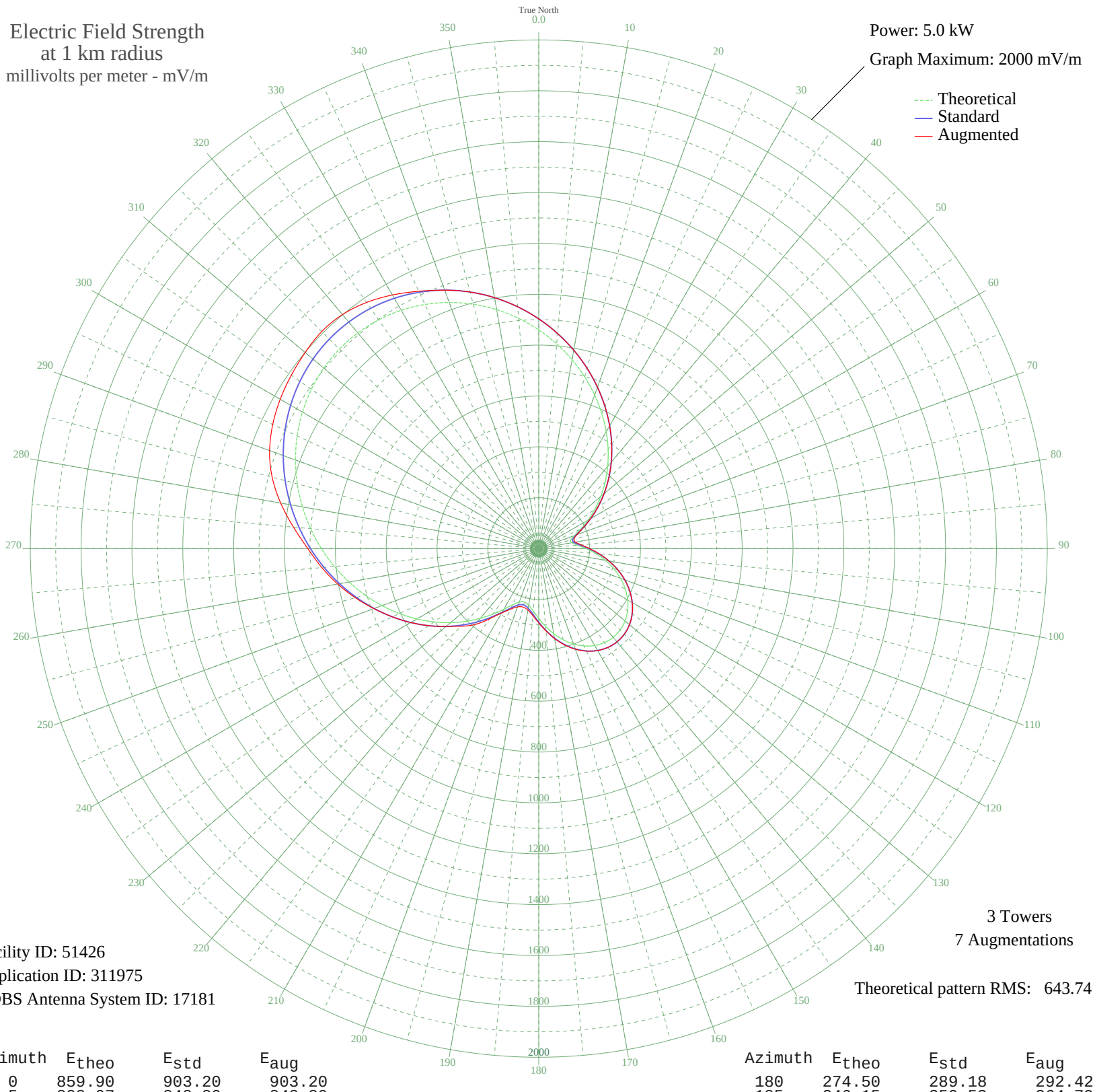
KAZN PASADENA, CA BL-- 1300 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
7 Augmentations

Facility ID: 51426
Application ID: 311975
CDBS Antenna System ID: 17181

Theoretical pattern RMS: 643.74

Azimuth	E_{theo}	E_{std}	E_{aug}
0	859.90	903.20	903.20
5	808.07	848.80	848.80
10	754.07	792.12	792.12
15	698.67	733.98	733.98
20	642.58	675.12	675.12
25	586.41	616.18	616.18
30	530.66	557.69	557.69
35	475.71	500.05	500.05
40	421.85	443.57	443.57
45	369.31	388.48	388.48
50	318.33	335.07	335.07
55	269.32	283.76	283.76
60	223.12	235.45	235.45
65	181.53	192.04	192.57
70	148.22	157.39	159.98
75	129.59	138.08	143.41
80	131.72	140.29	146.71
85	153.21	162.58	167.56
90	186.60	197.34	199.92
95	225.44	237.87	238.60
100	265.79	280.07	280.08
105	305.27	321.39	321.39
110	342.23	360.11	360.11
115	375.40	394.87	394.87
120	403.78	424.62	424.62
125	426.53	448.47	448.47
130	442.99	465.74	465.74
135	452.73	475.94	475.94
140	455.46	478.81	478.81
145	451.17	474.31	474.38
150	440.03	462.62	462.98
155	422.47	444.22	444.98
160	399.21	419.82	421.05
165	371.21	390.47	392.08
170	339.81	357.57	359.37
175	306.78	322.97	325.02

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	274.50	289.18	292.42
185	246.15	259.53	264.79
190	225.77	238.22	245.60
195	217.50	229.58	238.08
200	223.84	236.20	243.97
205	244.14	257.42	262.80
210	275.37	290.09	292.75
215	314.13	330.67	337.15
220	357.72	376.34	389.60
225	404.37	425.24	431.69
230	452.95	476.18	476.18
235	502.77	528.43	528.43
240	553.39	581.54	581.54
245	604.48	635.14	635.14
250	655.75	688.93	690.25
255	706.85	742.56	746.89
260	757.40	795.62	802.93
265	806.94	847.62	856.49
270	854.92	897.98	908.44
275	900.72	946.05	968.53
280	943.67	991.13	1030.73
285	983.08	1032.50	1085.66
290	1018.25	1069.42	1126.54
295	1048.49	1101.16	1154.52
300	1073.19	1127.09	1174.15
305	1091.78	1146.61	1188.19
310	1103.83	1159.26	1199.37
315	1108.99	1164.68	1207.01
320	1107.07	1162.66	1201.08
325	1098.00	1153.14	1181.29
330	1081.88	1136.22	1151.38
335	1058.96	1112.16	1116.46
340	1029.62	1081.36	1081.36
345	994.37	1044.35	1044.35
350	953.85	1001.82	1001.82
355	908.77	954.49	954.49