KAHI AUBURN, CA BL-19851204AA 950 kHz

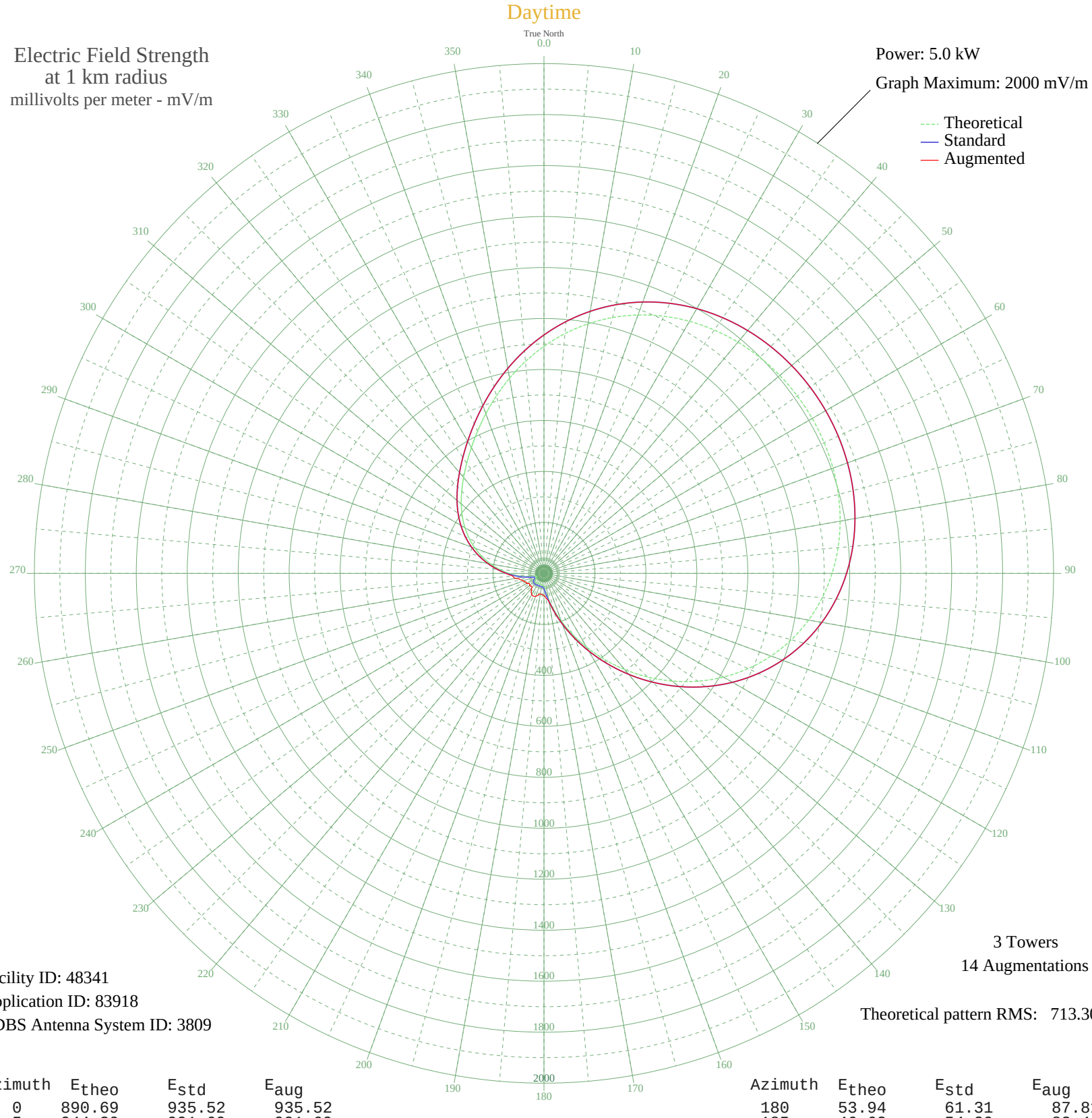
Daytime

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
14 Augmentations

Facility ID: 48341
Application ID: 83918
CDBS Antenna System ID: 3809

Theoretical pattern RMS: 713.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	890.69	935.52	935.52
5	944.20	991.69	991.69
10	993.93	1043.89	1043.89
15	1038.98	1091.19	1091.19
20	1078.80	1132.98	1132.98
25	1113.13	1169.03	1169.03
30	1142.00	1199.33	1199.33
35	1165.61	1224.11	1224.11
40	1184.27	1243.70	1243.70
45	1198.33	1258.47	1258.47
50	1208.12	1268.74	1268.74
55	1213.86	1274.77	1274.77
60	1215.66	1276.66	1276.66
65	1213.47	1274.36	1274.36
70	1207.08	1267.65	1267.65
75	1196.14	1256.17	1256.17
80	1180.17	1239.40	1239.40
85	1158.59	1216.74	1216.74
90	1130.79	1187.57	1187.57
95	1096.22	1151.27	1151.27
100	1054.40	1107.37	1107.37
105	1005.06	1055.58	1055.58
110	948.19	995.88	995.88
115	884.08	928.59	928.59
120	813.43	854.42	854.42
125	737.28	774.50	774.50
130	657.09	690.35	690.35
135	574.62	603.80	603.80
140	491.85	516.98	516.98
145	410.94	432.13	432.13
150	334.02	351.51	351.51
155	263.11	277.26	277.26
160	200.03	211.34	211.34
165	146.32	155.42	155.42
170	103.33	111.00	111.93
175	72.28	79.44	98.32

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.

3 Feb 2017

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	53.94	61.31	87.81
185	46.62	54.29	83.41
190	45.24	52.99	82.13
195	45.27	53.02	88.28
200	45.07	52.83	95.91
205	44.83	52.61	98.12
210	45.16	52.91	96.46
215	46.16	53.86	86.64
220	47.25	54.89	74.67
225	47.40	55.03	69.83
230	45.65	53.37	71.98
235	41.46	49.46	69.69
240	35.34	43.91	79.35
245	30.41	39.63	79.18
250	34.00	42.72	86.05
255	49.85	57.36	96.60
260	74.36	81.53	111.99
265	104.41	112.11	123.11
270	138.23	147.03	148.94
275	174.53	184.76	184.76
280	212.18	224.02	224.02
285	250.13	263.68	263.68
290	287.47	302.76	302.76
295	323.57	340.56	340.56
300	358.12	376.76	376.76
305	391.27	411.51	411.51
310	423.68	445.48	445.48
315	456.40	479.79	479.79
320	490.81	515.88	515.88
325	528.28	555.19	555.19
330	569.88	598.84	598.84
335	616.12	647.36	647.36
340	666.80	700.54	700.54
345	721.06	757.47	757.47
350	777.54	816.75	816.75
355	834.63	876.68	876.68