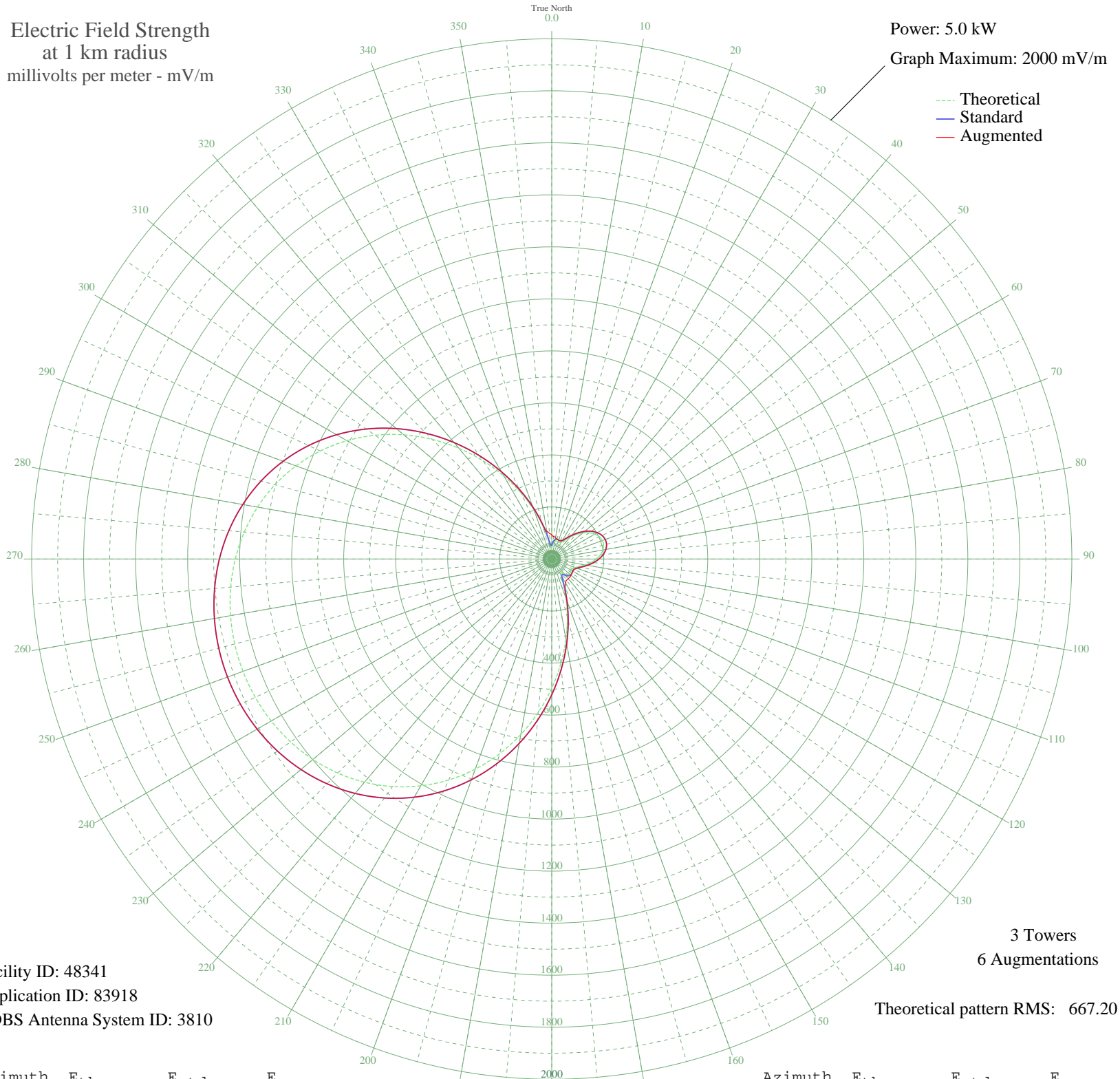


# KAHI AUBURN, CA BL-19851204AA 950 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 48341  
Application ID: 83918  
CDBS Antenna System ID: 3810

3 Towers  
6 Augmentations  
Theoretical pattern RMS: 667.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	47.09	55.02	92.95
5	60.16	67.62	86.68
10	69.00	76.37	84.38
15	71.45	78.81	78.81
20	70.04	77.41	77.41
25	69.68	77.04	77.04
30	75.68	83.05	83.05
35	89.99	97.52	97.52
40	110.31	118.32	118.32
45	133.15	141.87	141.87
50	155.57	165.12	165.12
55	175.46	185.81	185.81
60	191.31	202.32	202.32
65	202.12	213.59	213.59
70	207.26	218.95	218.95
75	206.48	218.15	218.15
80	199.89	211.27	211.27
85	187.93	198.80	198.80
90	171.47	181.66	181.66
95	151.81	161.22	161.22
100	130.84	139.48	139.48
105	111.10	119.12	119.12
110	95.70	103.35	103.35
115	87.26	94.75	94.75
120	85.68	93.14	93.14
125	87.44	94.94	94.94
130	87.97	95.47	96.42
135	83.90	91.34	99.28
140	74.51	81.88	99.16
145	64.72	72.12	98.74
150	70.39	77.75	107.43
155	104.45	112.30	121.72
160	160.85	170.61	170.61
165	232.16	244.97	244.97
170	314.02	330.60	330.60
175	403.14	423.98	423.98

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	496.52	521.91	521.91
185	591.34	621.38	621.38
190	684.94	719.60	719.60
195	775.01	814.12	814.12
200	859.60	902.90	902.90
205	937.22	984.38	984.38
210	1006.84	1057.46	1057.46
215	1067.88	1121.53	1121.53
220	1120.12	1176.38	1176.38
225	1163.66	1222.08	1222.08
230	1198.78	1258.95	1258.95
235	1225.91	1287.44	1287.44
240	1245.49	1307.99	1307.99
245	1257.90	1321.02	1321.02
250	1263.43	1326.82	1326.82
255	1262.21	1325.54	1325.54
260	1254.20	1317.13	1317.13
265	1239.22	1301.41	1301.41
270	1216.93	1278.01	1278.01
275	1186.92	1246.50	1246.50
280	1148.75	1206.43	1206.43
285	1102.03	1157.38	1157.38
290	1046.53	1099.12	1099.12
295	982.26	1031.66	1031.66
300	909.56	955.35	955.35
305	829.18	870.97	870.97
310	742.30	779.79	779.79
315	650.57	683.52	683.52
320	556.06	584.36	584.36
325	461.19	484.86	484.86
330	368.61	387.80	387.80
335	281.07	296.11	296.11
340	201.35	212.79	212.79
345	132.29	140.99	140.99
350	77.71	85.09	107.87
355	46.19	54.17	98.61