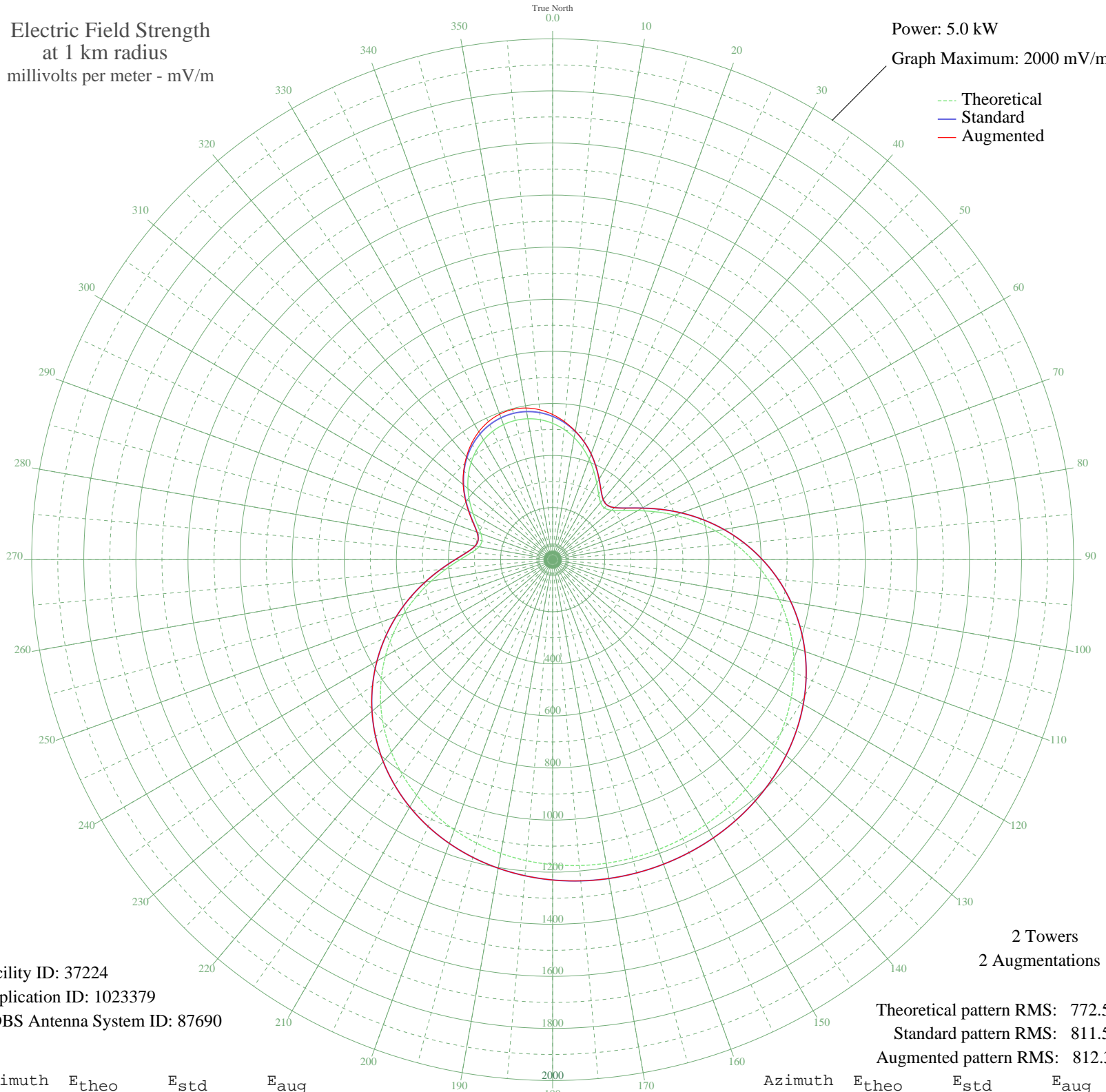


# KHJ LOS ANGELES, CA BL-20041018ADE 930 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 37224  
Application ID: 1023379  
CDBS Antenna System ID: 87690

Theoretical pattern RMS: 772.50  
Standard pattern RMS: 811.50  
Augmented pattern RMS: 812.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	523.49	550.20	557.50
5	502.19	527.86	531.37
10	475.77	500.15	500.93
15	444.88	467.76	467.76
20	410.54	431.75	431.75
25	374.34	393.81	393.81
30	338.81	356.58	356.58
35	307.76	324.05	324.05
40	286.50	301.81	301.81
45	280.98	296.02	296.02
50	295.05	310.75	310.75
55	328.22	345.49	345.49
60	376.49	396.06	396.06
65	435.01	457.40	457.40
70	499.63	525.18	525.18
75	567.22	596.08	596.08
80	635.39	667.60	667.60
85	702.36	737.87	737.87
90	766.73	805.43	805.43
95	827.47	869.18	869.18
100	883.80	928.31	928.31
105	935.22	982.28	982.28
110	981.40	1030.75	1030.75
115	1022.23	1073.62	1073.62
120	1057.77	1110.93	1110.93
125	1088.19	1142.86	1142.86
130	1113.77	1169.71	1169.71
135	1134.84	1191.83	1191.83
140	1151.77	1209.60	1209.60
145	1164.93	1223.42	1223.42
150	1174.66	1233.63	1233.63
155	1181.24	1240.54	1240.54
160	1184.89	1244.37	1244.37
165	1185.72	1245.24	1245.24
170	1183.77	1243.20	1243.20
175	1178.97	1238.16	1238.16

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.

20 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	1171.16	1229.96	1229.96
185	1160.09	1218.34	1218.34
190	1145.47	1202.99	1202.99
195	1126.93	1183.52	1183.52
200	1104.10	1159.56	1159.56
205	1076.62	1130.72	1130.72
210	1044.19	1096.66	1096.66
215	1006.54	1057.15	1057.15
220	963.56	1012.03	1012.03
225	915.27	961.34	961.34
230	861.84	905.26	905.26
235	803.66	844.20	844.20
240	741.36	778.81	778.81
245	675.81	710.02	710.02
250	608.18	639.05	639.05
255	540.00	567.52	567.52
260	473.27	497.53	497.53
265	410.66	431.88	431.88
270	355.69	374.26	374.26
275	312.87	329.41	329.41
280	287.00	302.32	302.32
285	280.97	296.01	296.01
290	293.44	309.07	309.33
295	319.33	336.17	336.93
300	352.73	371.17	372.44
305	388.91	409.08	410.74
310	424.60	446.50	448.33
315	457.72	481.22	483.04
320	486.92	511.84	515.03
325	511.35	537.47	543.53
330	530.49	557.54	567.08
335	544.00	571.71	584.41
340	551.69	579.78	594.55
345	553.47	581.65	596.92
350	549.32	577.30	591.26
355	539.28	566.77	577.85