

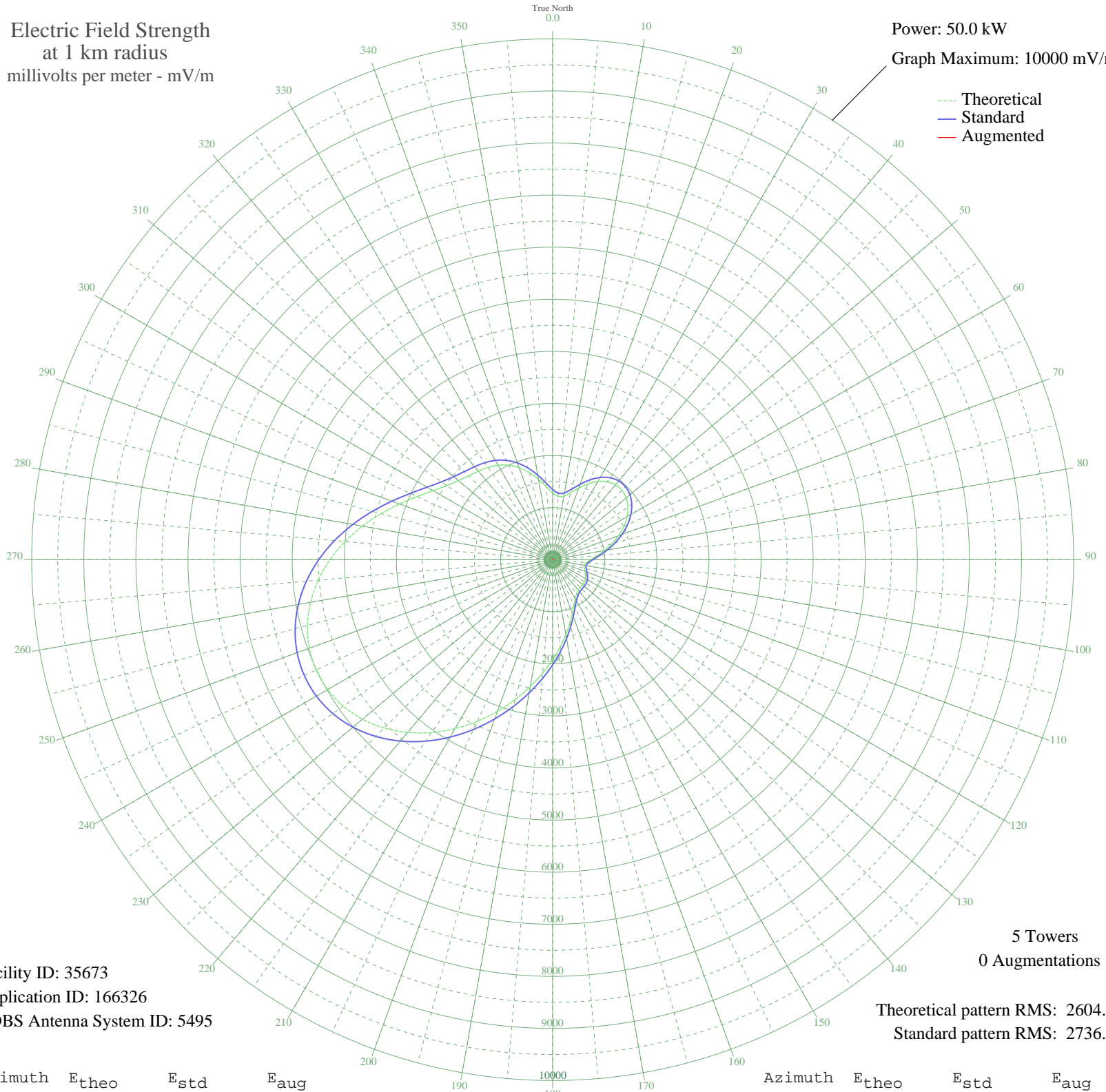
# KTNQ LOS ANGELES, CA BL-19911104AD 1020 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 35673  
Application ID: 166326  
CDBS Antenna System ID: 5495

5 Towers  
0 Augmentations

Theoretical pattern RMS: 2604.90  
Standard pattern RMS: 2736.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1280.63	1347.48	
5	1218.27	1282.16	
10	1237.98	1302.80	
15	1329.91	1399.13	
20	1463.72	1539.38	
25	1606.56	1689.14	
30	1732.93	1821.66	
35	1826.16	1919.45	
40	1877.04	1972.82	
45	1882.17	1978.21	
50	1842.55	1936.64	
55	1762.29	1852.46	
60	1647.61	1732.19	
65	1506.01	1583.72	
70	1345.87	1415.85	
75	1176.43	1238.33	
80	1008.29	1062.29	
85	854.08	901.01	
90	728.75	770.14	
95	647.22	685.15	
100	616.49	653.17	
105	627.94	665.08	
110	661.80	700.34	
115	699.08	739.20	
120	727.95	769.31	
125	744.15	786.21	
130	749.88	792.19	
135	752.77	795.21	
140	764.53	807.48	
145	798.14	842.57	
150	863.67	911.04	
155	965.17	1017.17	
160	1101.09	1159.43	
165	1267.45	1333.67	
170	1460.55	1536.06	
175	1678.27	1764.34	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1919.79	2017.67	
185	2184.74	2295.63	
190	2471.90	2596.96	
195	2778.23	2918.44	
200	3098.20	3254.27	
205	3423.78	3596.02	
210	3744.94	3933.16	
215	4050.49	4253.91	
220	4329.04	4546.33	
225	4570.02	4799.31	
230	4764.36	5003.34	
235	4905.09	5151.09	
240	4987.51	5237.61	
245	5009.24	5260.43	
250	4970.17	5219.40	
255	4872.24	5116.59	
260	4719.40	4956.14	
265	4517.58	4744.26	
270	4274.72	4489.31	
275	4000.92	4201.87	
280	3708.42	3894.81	
285	3411.49	3583.12	
290	3125.83	3283.28	
295	2867.25	3011.87	
300	2649.30	2783.14	
305	2480.10	2605.56	
310	2359.30	2478.80	
315	2277.34	2392.80	
320	2217.86	2330.38	
325	2162.19	2271.97	
330	2093.78	2200.20	
335	2001.14	2103.01	
340	1879.39	1975.28	
345	1731.09	1819.73	
350	1567.07	1647.74	
355	1407.33	1480.27	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission