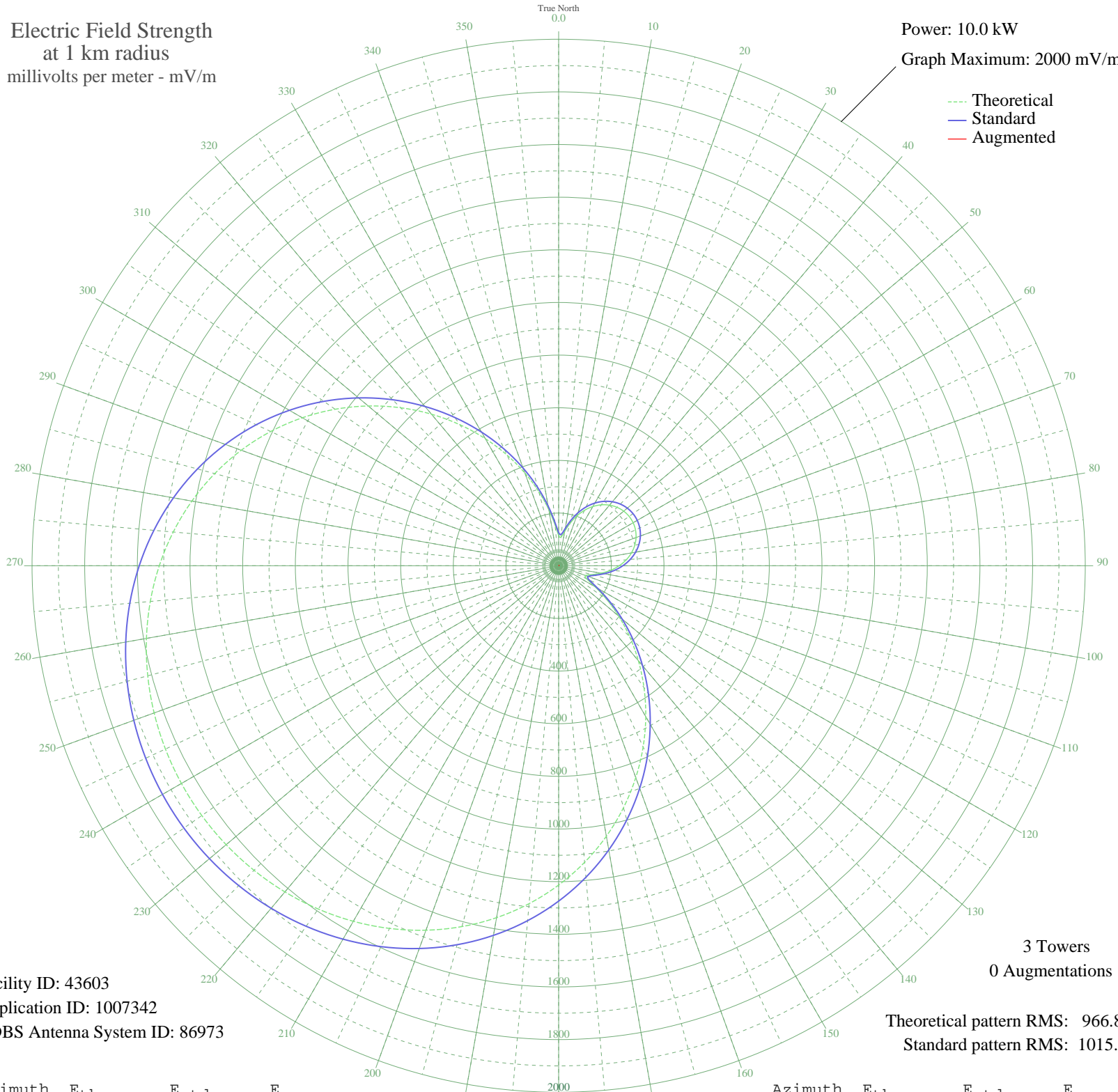


# KKMC GONZALES, CA BL-20040730BHG 880 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 43603  
Application ID: 1007342  
CDBS Antenna System ID: 86973

3 Towers  
0 Augmentations

Theoretical pattern RMS: 966.88  
Standard pattern RMS: 1015.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	115.46	125.89	
5	109.71	120.09	
10	132.58	143.28	
15	166.28	177.86	
20	200.78	213.53	
25	232.35	246.31	
30	259.70	274.78	
35	282.40	298.46	
40	300.40	317.24	
45	313.75	331.18	
50	322.52	340.34	
55	326.80	344.81	
60	326.62	344.63	
65	321.99	339.78	
70	312.85	330.24	
75	299.14	315.92	
80	280.76	296.75	
85	257.68	272.68	
90	229.97	243.84	
95	198.10	210.75	
100	163.48	174.97	
105	130.15	140.80	
110	108.88	119.25	
115	117.50	127.95	
120	159.39	170.76	
125	222.32	235.89	
130	297.69	314.41	
135	381.41	401.91	
140	471.14	495.85	
145	565.09	594.31	
150	661.64	695.55	
155	759.24	797.92	
160	856.36	899.82	
165	951.56	999.71	
170	1043.47	1096.17	
175	1130.93	1187.96	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1212.91	1274.00	
185	1288.62	1353.47	
190	1357.47	1425.75	
195	1419.11	1490.45	
200	1473.34	1547.38	
205	1520.15	1596.52	
210	1559.63	1637.96	
215	1591.98	1671.92	
220	1617.42	1698.63	
225	1636.19	1718.33	
230	1648.49	1731.25	
235	1654.48	1737.53	
240	1654.23	1737.27	
245	1647.74	1730.46	
250	1634.93	1717.01	
255	1615.63	1696.75	
260	1589.65	1669.48	
265	1556.74	1634.93	
270	1516.68	1592.87	
275	1469.28	1543.11	
280	1414.45	1485.56	
285	1352.23	1420.24	
290	1282.80	1347.37	
295	1206.57	1267.35	
300	1124.12	1180.81	
305	1036.27	1088.61	
310	944.04	991.83	
315	848.65	891.72	
320	751.43	789.73	
325	653.86	687.39	
330	557.45	586.31	
335	463.78	488.15	
340	374.46	394.65	
345	291.31	307.75	
350	216.75	230.10	
355	155.10	166.35	

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