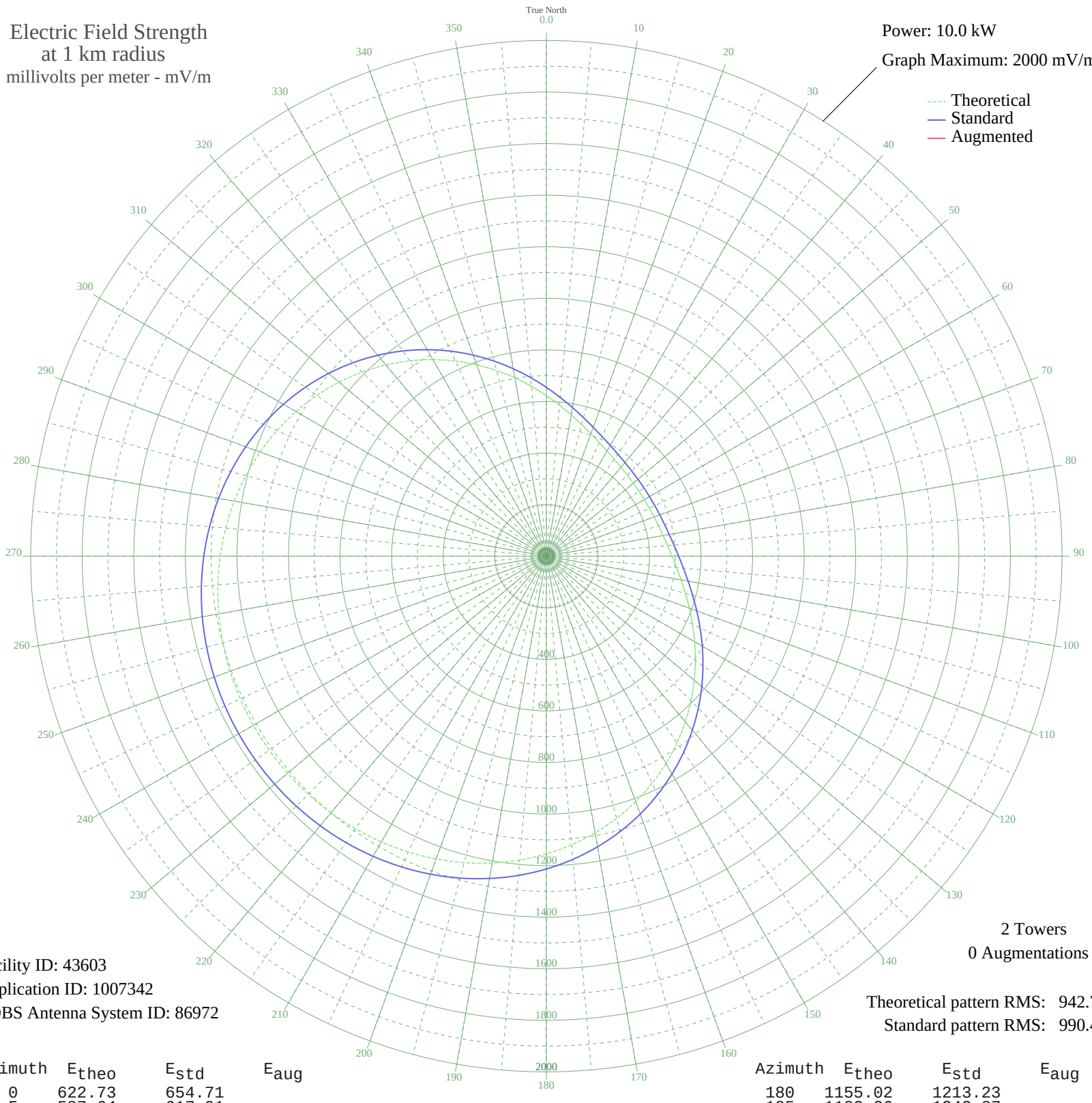
KKMC GONZALES, CA BL-20040730BHG 880 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 43603
Application ID: 1007342
CDBS Antenna System ID: 86972

Theoretical pattern RMS: 942.76
Standard pattern RMS: 990.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	622.73	654.71	
5	587.64	617.91	
10	556.23	584.98	
15	528.81	556.24	
20	505.50	531.82	
25	486.28	511.67	
30	470.92	495.58	
35	459.08	483.18	
40	450.35	474.03	
45	444.29	467.68	
50	440.51	463.72	
55	438.73	461.86	
60	438.80	461.94	
65	440.73	463.96	
70	444.68	468.09	
75	450.94	474.65	
80	459.91	484.04	
85	472.01	496.72	
90	487.67	513.13	
95	507.22	533.61	
100	530.85	558.38	
105	558.60	587.46	
110	590.31	620.72	
115	625.68	657.80	
120	664.25	698.25	
125	705.46	741.48	
130	748.67	786.80	
135	793.21	833.54	
140	838.41	880.95	
145	883.59	928.36	
150	928.13	975.11	
155	971.47	1020.58	
160	1013.08	1064.25	
165	1052.55	1105.67	
170	1089.52	1144.48	
175	1123.74	1180.39	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1155.02	1213.23	
185	1183.26	1242.87	
190	1208.43	1269.29	
195	1230.56	1292.52	
200	1249.73	1312.63	
205	1266.04	1329.76	
210	1279.64	1344.03	
215	1290.67	1355.61	
220	1299.28	1364.64	
225	1305.58	1371.27	
230	1309.70	1375.59	
235	1311.70	1377.68	
240	1311.62	1377.60	
245	1309.45	1375.32	
250	1305.16	1370.82	
255	1298.67	1364.01	
260	1289.88	1354.78	
265	1278.65	1342.99	
270	1264.84	1328.49	
275	1248.30	1311.13	
280	1228.90	1290.77	
285	1206.53	1267.29	
290	1181.12	1240.62	
295	1152.63	1210.72	
300	1121.11	1177.63	
305	1086.66	1141.48	
310	1049.48	1102.45	
315	1009.83	1060.84	
320	968.06	1017.00	
325	924.61	971.41	
330	879.99	924.59	
335	834.78	877.15	
340	789.62	829.76	
345	745.16	783.12	
350	702.08	737.93	
355	661.06	694.91	

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