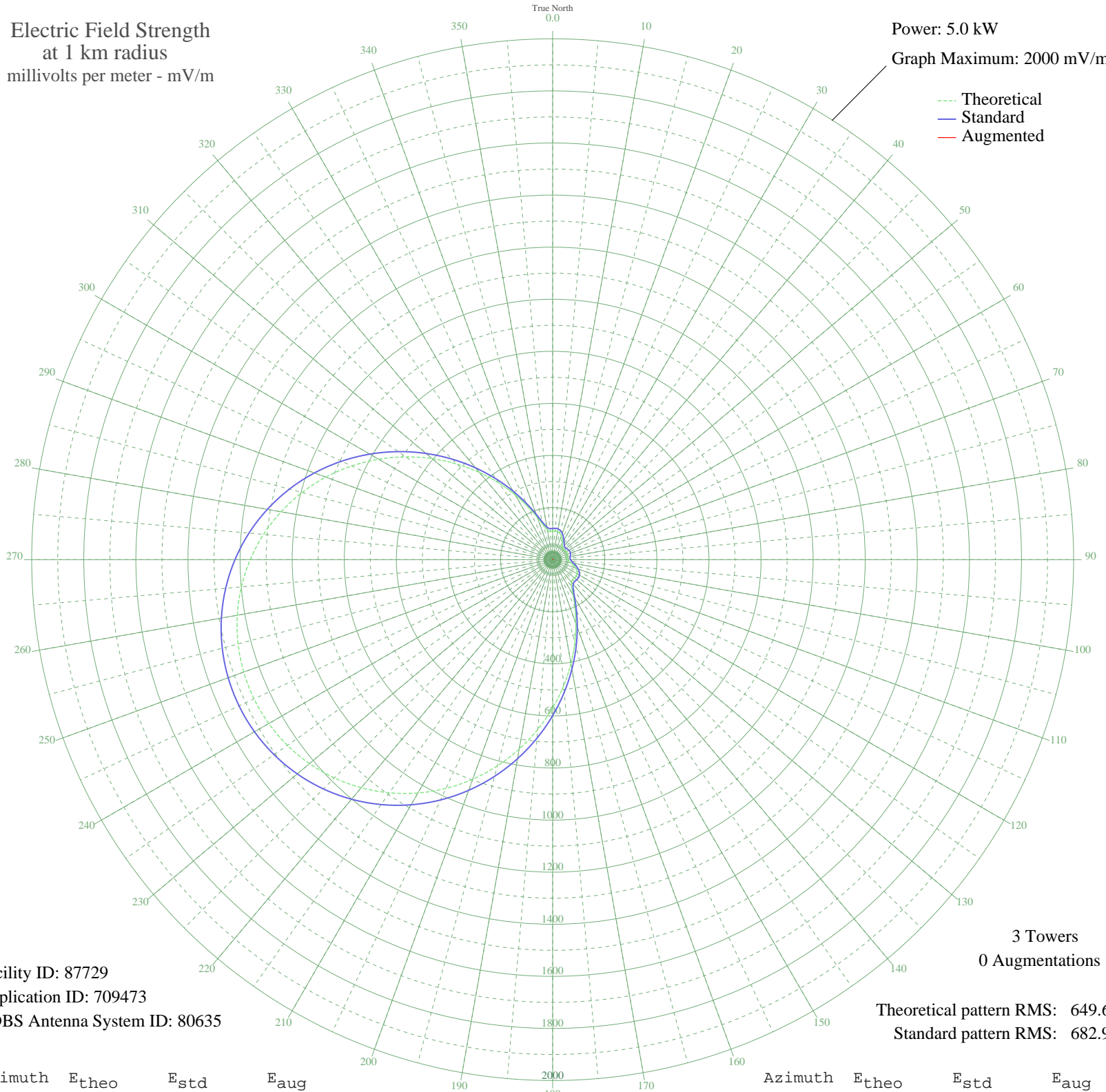


KLFF ARROYO GRANDE, CA BL-20031121APP 890 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 87729
Application ID: 709473
CDBS Antenna System ID: 80635

3 Towers
0 Augmentations

Theoretical pattern RMS: 649.61
Standard pattern RMS: 682.98

Azimuth	E _{theo}	E _{std}	E _{aug}
0	109.11	119.72	
5	110.36	120.98	
10	109.36	119.97	
15	104.86	115.46	
20	97.02	107.64	
25	86.77	97.52	
30	75.60	86.66	
35	65.35	76.93	
40	57.96	70.08	
45	54.67	67.11	
50	55.15	67.54	
55	57.63	69.79	
60	60.16	72.11	
65	61.42	73.27	
70	60.87	72.75	
75	58.73	70.79	
80	56.02	68.32	
85	54.48	66.94	
90	56.12	68.42	
95	61.96	73.76	
100	71.28	82.53	
105	82.32	93.16	
110	93.13	103.79	
115	102.09	112.69	
120	107.99	118.60	
125	110.34	120.96	
130	109.72	120.33	
135	108.61	119.22	
140	112.14	122.77	
145	126.97	137.78	
150	157.32	168.80	
155	202.88	215.84	
160	261.10	276.35	
165	329.24	347.44	
170	404.82	426.48	
175	485.57	511.04	

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 _{theo}	E _{std}	E _{aug}
180	569.38	598.86	
185	654.21	687.80	
190	738.20	775.89	
195	819.63	861.32	
200	896.99	942.48	
205	968.98	1018.02	
210	1034.54	1086.82	
215	1092.82	1147.99	
220	1143.19	1200.85	
225	1185.19	1244.93	
230	1218.50	1279.90	
235	1242.93	1305.54	
240	1258.36	1321.73	
245	1264.72	1328.41	
250	1261.99	1325.55	
255	1250.18	1313.15	
260	1229.35	1291.28	
265	1199.57	1260.02	
270	1161.01	1219.56	
275	1113.94	1170.16	
280	1058.76	1112.24	
285	996.03	1046.41	
290	926.50	973.44	
295	851.14	894.38	
300	771.17	810.48	
305	688.01	723.25	
310	603.30	634.41	
315	518.84	545.89	
320	436.62	459.77	
325	358.71	378.24	
330	287.31	303.67	
335	224.80	238.59	
340	173.84	185.81	
345	137.18	148.17	
350	116.38	127.04	
355	109.09	119.71	