

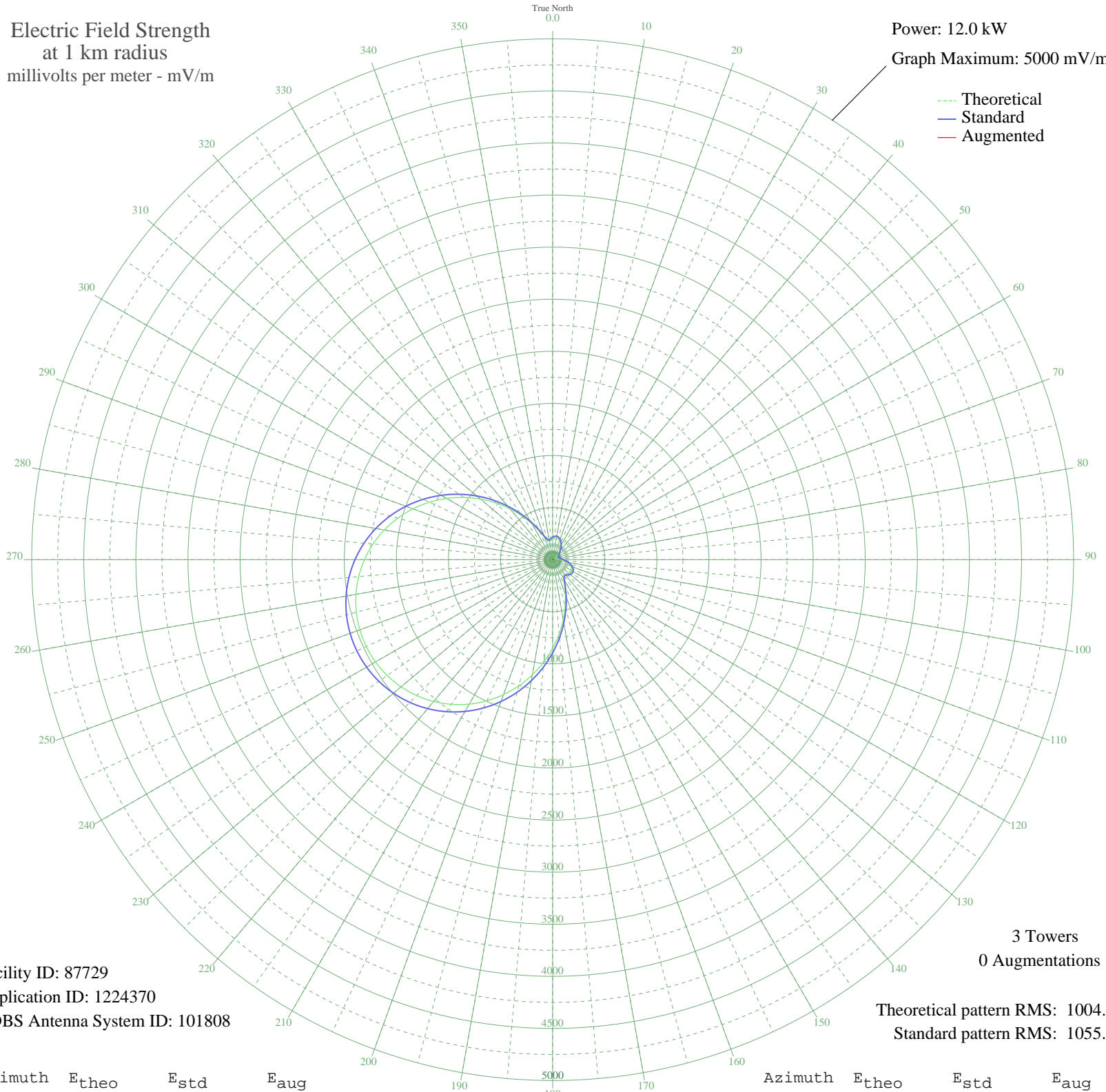
KLFF ARROYO GRANDE, CA BP-20080117ABH 890 kHz

Nighttime

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

Power: 12.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 87729  
Application ID: 1224370  
CDBS Antenna System ID: 101808

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1004.07  
Standard pattern RMS: 1055.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	198.85	215.87	
5	209.03	226.23	
10	211.45	228.69	
15	205.43	222.56	
20	191.80	208.72	
25	172.12	188.86	
30	148.33	165.11	
35	122.49	139.81	
40	96.66	115.35	
45	72.77	94.04	
50	52.61	77.82	
55	37.66	67.60	
60	28.79	62.60	
65	25.53	61.02	
70	26.88	61.66	
75	33.38	65.07	
80	45.93	73.02	
85	64.17	86.86	
90	86.76	106.32	
95	112.04	129.79	
100	138.12	155.04	
105	162.98	179.70	
110	184.55	201.38	
115	200.82	217.87	
120	210.03	227.24	
125	211.01	228.24	
130	203.72	220.82	
135	190.32	207.22	
140	177.36	194.13	
145	178.01	194.78	
150	207.23	224.40	
155	269.06	287.78	
160	357.19	379.04	
165	464.34	490.63	
170	584.95	616.63	
175	714.62	752.35	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	849.60	893.76	
185	986.46	1037.23	
190	1122.09	1179.47	
195	1253.66	1317.49	
200	1378.71	1448.68	
205	1495.12	1570.83	
210	1601.15	1682.10	
215	1695.44	1781.05	
220	1776.93	1866.59	
225	1844.90	1937.92	
230	1898.81	1994.51	
235	1938.35	2036.01	
240	1963.32	2062.22	
245	1973.62	2073.03	
250	1969.21	2068.39	
255	1950.10	2048.34	
260	1916.37	2012.93	
265	1868.17	1962.35	
270	1805.78	1896.86	
275	1729.62	1816.93	
280	1640.34	1723.23	
285	1538.86	1616.73	
290	1426.42	1498.74	
295	1304.59	1370.92	
300	1175.35	1235.34	
305	1041.03	1094.45	
310	904.30	951.09	
315	768.17	808.44	
320	635.95	669.99	
325	511.23	539.59	
330	398.12	421.60	
335	301.60	321.39	
340	228.29	245.90	
345	185.70	202.54	
350	175.05	191.81	
355	184.51	201.34	

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