

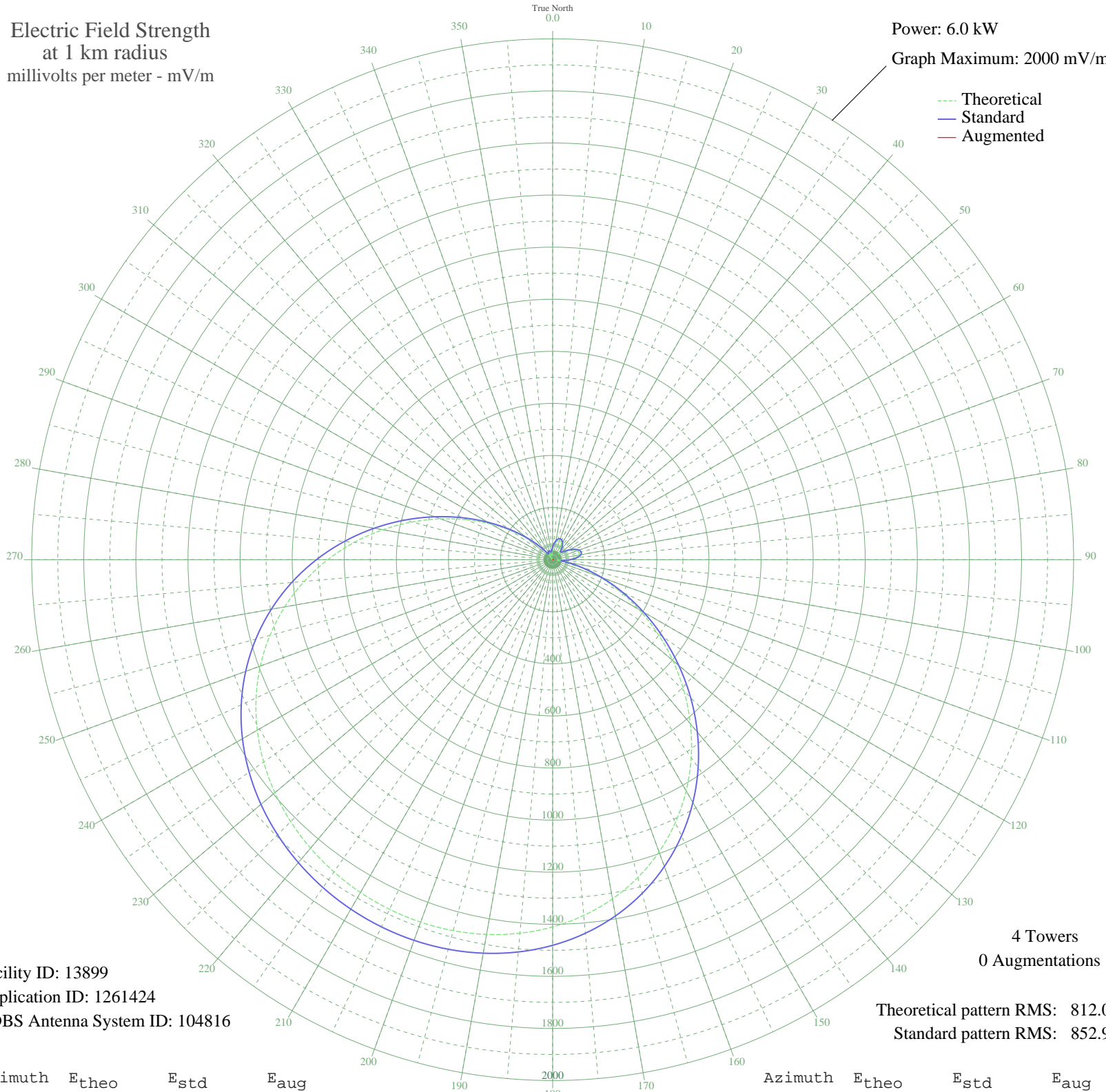
**KSPA CHINO, CA BP-20041115AFC 1510 kHz**

**Nighttime**

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

Power: 6.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 13899  
Application ID: 1261424  
CDBS Antenna System ID: 104816

4 Towers  
0 Augmentations

Theoretical pattern RMS: 812.00  
Standard pattern RMS: 852.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	39.37	48.69	
5	54.00	62.26	
10	66.08	74.00	
15	74.19	82.04	
20	77.47	85.32	
25	75.55	83.39	
30	68.54	76.42	
35	57.20	65.33	
40	43.46	52.38	
45	32.44	42.68	
50	34.26	44.22	
55	49.34	57.84	
60	68.46	76.34	
65	86.15	94.04	
70	99.22	107.30	
75	105.14	113.35	
80	101.75	109.89	
85	87.28	95.19	
90	60.60	68.63	
95	24.08	36.07	
100	41.71	50.79	
105	108.25	116.53	
110	189.18	200.29	
115	281.48	296.68	
120	382.78	402.74	
125	490.40	515.57	
130	601.50	632.09	
135	713.15	749.24	
140	822.57	864.08	
145	927.25	973.95	
150	1025.08	1076.64	
155	1114.42	1170.43	
160	1194.14	1254.11	
165	1263.59	1327.02	
170	1322.58	1388.94	
175	1371.28	1440.07	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1410.16	1480.89	
185	1439.86	1512.08	
190	1461.13	1534.41	
195	1474.72	1548.67	
200	1481.32	1555.59	
205	1481.47	1555.76	
210	1475.57	1549.56	
215	1463.79	1537.20	
220	1446.11	1518.64	
225	1422.30	1493.63	
230	1391.94	1461.76	
235	1354.50	1422.46	
240	1309.40	1375.11	
245	1256.10	1319.16	
250	1194.20	1254.17	
255	1123.54	1179.99	
260	1044.32	1096.83	
265	957.17	1005.36	
270	863.22	906.75	
275	764.07	802.69	
280	661.80	695.36	
285	558.83	587.34	
290	457.85	481.43	
295	361.56	380.51	
300	272.57	287.35	
305	193.15	204.44	
310	125.12	133.87	
315	69.65	77.53	
320	27.27	38.49	
325	2.27	25.83	
330	19.68	32.99	
335	26.60	37.97	
340	25.11	36.83	
345	18.59	32.29	
350	15.29	30.32	
355	24.58	36.44	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission