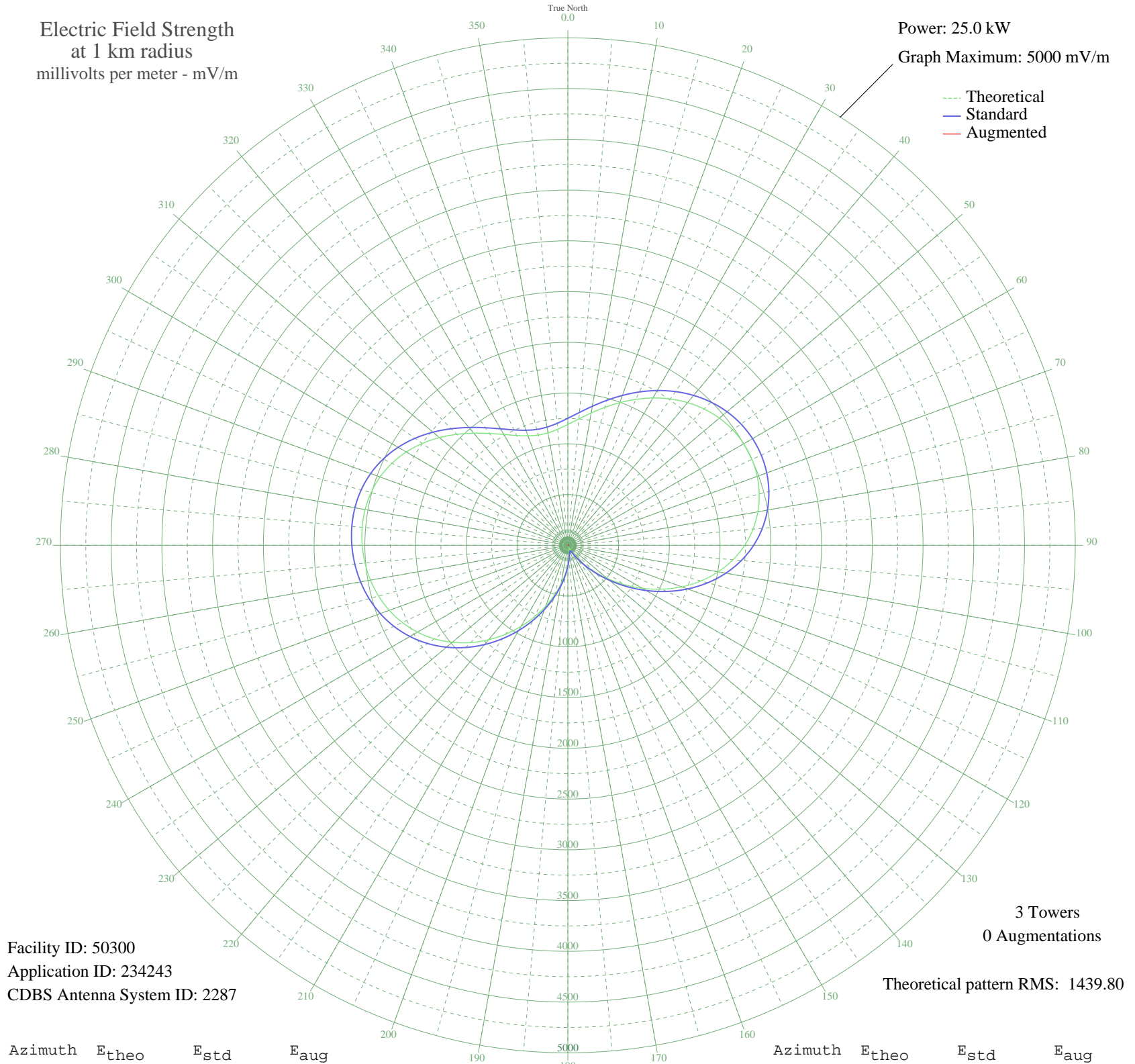


# KFIA CARMICHAEL, CA BL-19961015AC 710 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 50300  
Application ID: 234243  
CDBS Antenna System ID: 2287

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1439.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1190.73	1251.37	
5	1250.49	1314.06	
10	1323.74	1390.92	
15	1406.75	1478.02	
20	1495.70	1571.36	
25	1586.74	1666.91	
30	1676.10	1760.68	
35	1760.12	1848.87	
40	1835.45	1927.94	
45	1899.20	1994.85	
50	1949.05	2047.17	
55	1983.34	2083.17	
60	2001.13	2101.85	
65	2001.99	2102.74	
70	1985.76	2085.71	
75	1952.29	2050.58	
80	1901.16	1996.91	
85	1831.60	1923.89	
90	1742.67	1830.55	
95	1633.70	1716.19	
100	1504.88	1581.00	
105	1357.71	1426.56	
110	1195.38	1256.24	
115	1022.76	1075.18	
120	846.09	889.94	
125	672.35	707.91	
130	508.58	536.59	
135	361.18	382.85	
140	235.29	252.57	
145	134.54	150.71	
150	61.25	83.02	
155	21.50	57.15	
160	28.66	60.52	
165	45.17	70.75	
170	73.02	92.93	
175	122.29	138.72	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	192.95	209.29	
185	282.33	301.06	
190	387.87	410.63	
195	507.18	535.13	
200	637.83	671.78	
205	777.14	817.68	
210	922.04	969.57	
215	1069.14	1123.83	
220	1214.73	1276.55	
225	1354.99	1423.71	
230	1486.30	1561.50	
235	1605.50	1686.60	
240	1710.26	1796.54	
245	1799.27	1889.97	
250	1872.39	1966.71	
255	1930.38	2027.58	
260	1974.60	2074.00	
265	2006.34	2107.31	
270	2026.26	2128.22	
275	2034.00	2136.34	
280	2028.20	2130.26	
285	2006.96	2107.96	
290	1968.54	2067.63	
295	1912.12	2008.41	
300	1838.41	1931.04	
305	1749.88	1838.13	
310	1650.66	1733.98	
315	1546.09	1624.25	
320	1442.26	1515.28	
325	1345.31	1413.55	
330	1260.94	1325.03	
335	1193.98	1254.78	
340	1147.96	1206.50	
345	1124.92	1182.33	
350	1125.28	1182.71	
355	1147.97	1206.51	

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