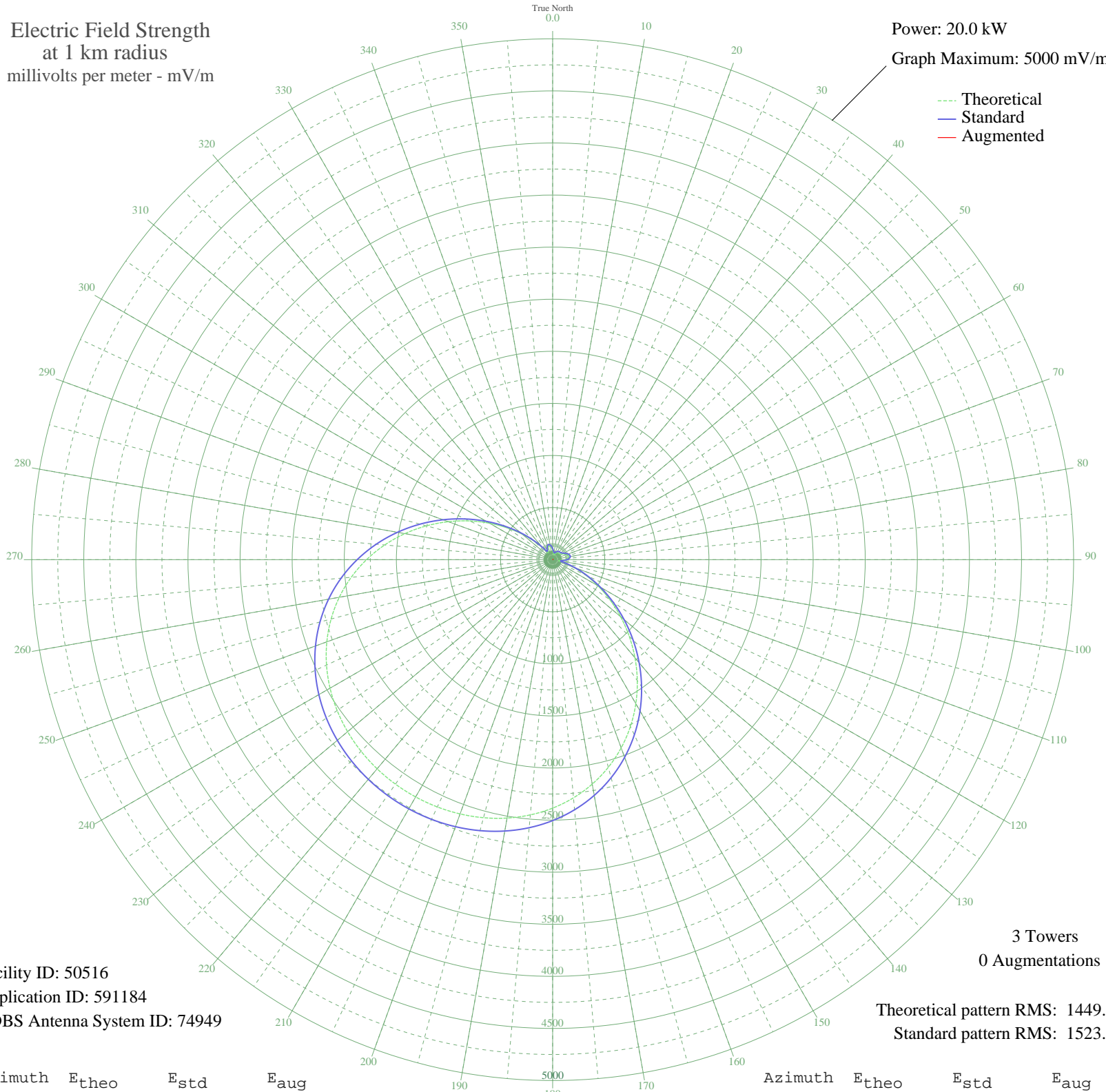


KLAA ORANGE, CA BL-20011213ABQ 830 kHz

Nighttime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 50516
Application ID: 591184
CDBS Antenna System ID: 74949

3 Towers
0 Augmentations
Theoretical pattern RMS: 1449.80
Standard pattern RMS: 1523.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	91.53	106.97	
5	67.87	85.34	
10	49.28	69.87	
15	44.41	66.18	
20	53.19	72.96	
25	65.62	83.38	
30	75.64	92.27	
35	81.48	97.60	
40	83.71	99.65	
45	84.59	100.47	
50	87.65	103.32	
55	95.96	111.16	
60	110.00	124.68	
65	127.30	141.68	
70	143.92	158.25	
75	155.62	170.01	
80	158.33	172.75	
85	148.48	162.82	
90	123.47	137.88	
95	84.09	100.00	
100	55.38	74.75	
105	110.94	125.59	
110	217.06	232.70	
115	349.30	369.76	
120	501.89	529.07	
125	670.69	705.79	
130	851.30	895.10	
135	1038.97	1091.93	
140	1228.84	1291.14	
145	1416.15	1487.70	
150	1596.59	1677.08	
155	1766.45	1855.37	
160	1922.83	2019.52	
165	2063.70	2167.39	
170	2187.87	2297.75	
175	2294.97	2410.17	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2385.25	2504.96	
185	2459.51	2582.91	
190	2518.81	2645.17	
195	2564.41	2693.04	
200	2597.49	2727.77	
205	2619.10	2750.45	
210	2630.00	2761.90	
215	2630.60	2762.53	
220	2620.93	2752.38	
225	2600.61	2731.05	
230	2568.92	2697.77	
235	2524.84	2651.50	
240	2467.20	2590.98	
245	2394.75	2514.93	
250	2306.41	2422.19	
255	2201.38	2311.92	
260	2079.33	2183.80	
265	1940.60	2038.18	
270	1786.32	1876.22	
275	1618.45	1700.02	
280	1439.83	1512.55	
285	1254.12	1317.66	
290	1065.62	1119.89	
295	879.08	924.23	
300	699.44	735.91	
305	531.54	560.09	
310	380.00	401.76	
315	249.34	265.98	
320	145.46	159.79	
325	83.20	99.18	
330	84.04	99.96	
335	111.16	125.81	
340	130.70	145.05	
345	136.66	150.98	
350	130.05	144.40	
355	113.77	128.36	

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