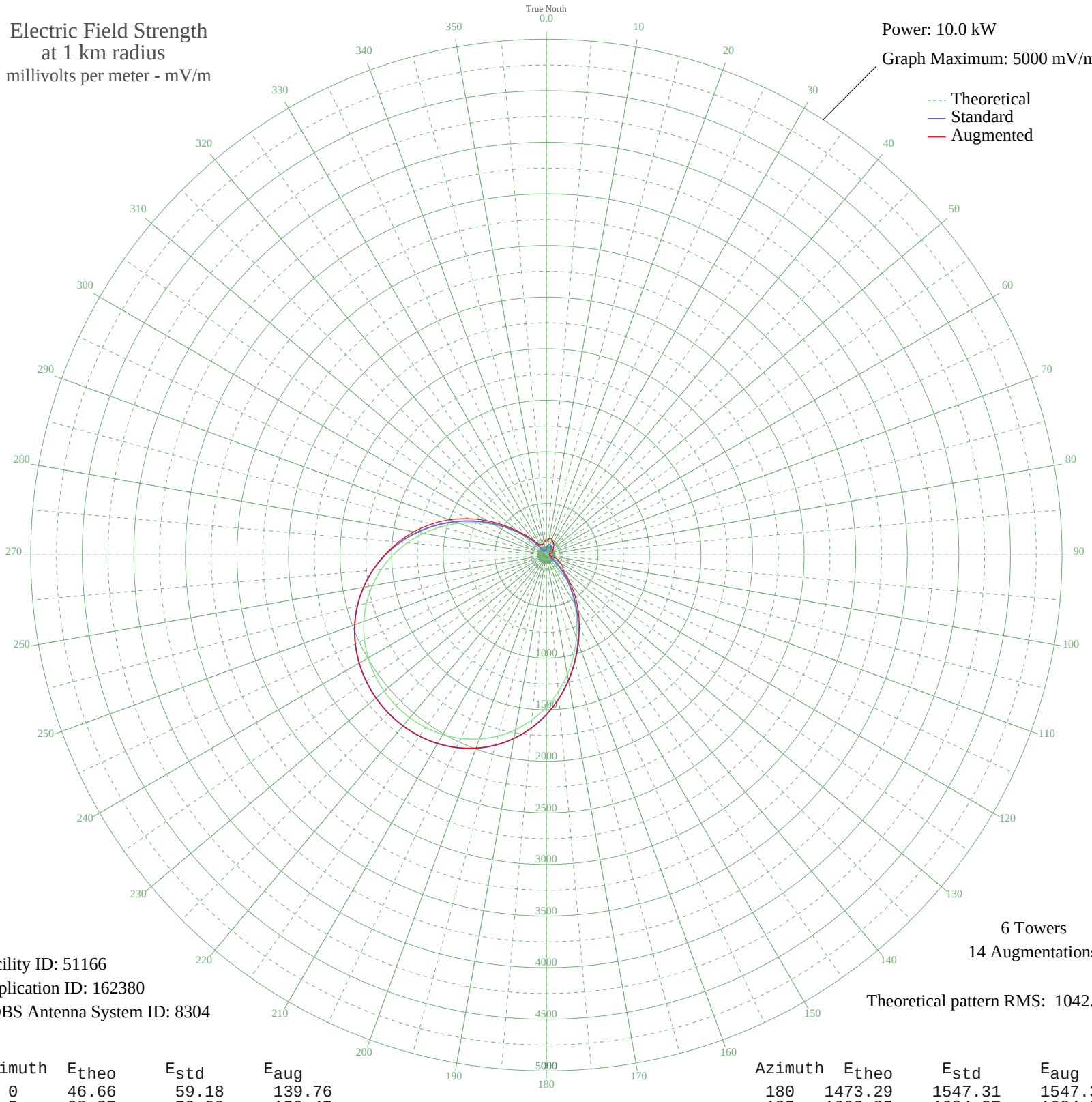
KSDO SAN DIEGO, CA BL-19910620AB 1130 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

Facility ID: 51166
Application ID: 162380
CDBS Antenna System ID: 8304

6 Towers
14 Augmentations

Theoretical pattern RMS: 1042.85

Azimuth	E_{theo}	E_{std}	E_{aug}
0	46.66	59.18	139.76
5	68.27	79.00	150.47
10	84.69	94.93	161.39
15	94.33	104.46	166.77
20	96.77	106.90	160.20
25	92.57	102.71	146.09
30	82.97	93.23	134.95
35	69.69	80.35	127.05
40	54.58	66.23	108.21
45	39.45	53.09	95.92
50	25.80	42.86	86.86
55	14.74	36.64	74.06
60	6.84	33.97	71.55
65	2.12	33.28	60.64
70	0.09	33.20	54.03
75	0.28	33.21	32.19
80	0.92	33.22	32.40
85	1.59	33.25	32.04
90	1.52	33.24	33.24
95	0.71	33.21	33.21
100	0.67	33.21	33.21
105	0.19	33.20	48.76
110	4.18	33.49	108.28
115	15.70	37.07	124.36
120	38.07	51.96	156.00
125	74.94	85.40	193.12
130	129.50	139.97	209.50
135	204.00	216.76	261.20
140	299.33	316.05	367.61
145	414.82	436.83	486.94
150	548.23	576.60	616.33
155	695.88	731.43	757.01
160	853.08	896.35	908.81
165	1014.54	1065.79	1069.38
170	1174.92	1234.11	1234.20
175	1329.23	1396.09	1396.09

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1473.29	1547.31	1547.31
185	1603.85	1684.37	1684.37
190	1718.72	1804.96	1804.96
195	1816.73	1907.85	1907.85
200	1897.51	1992.67	1992.67
205	1961.37	2059.70	2059.70
210	2008.97	2109.68	2109.68
215	2041.18	2143.50	2143.50
220	2058.87	2162.06	2162.06
225	2062.73	2166.12	2166.12
230	2053.25	2156.17	2156.17
235	2030.66	2132.45	2132.45
240	1994.90	2094.91	2094.91
245	1945.71	2043.27	2043.27
250	1882.70	1977.12	1977.12
255	1805.46	1896.03	1896.03
260	1713.70	1799.69	1799.69
265	1607.40	1688.09	1688.60
270	1486.99	1561.70	1567.99
275	1353.55	1421.62	1439.40
280	1208.90	1269.78	1302.19
285	1055.72	1109.00	1155.27
290	897.58	943.04	998.09
295	738.81	776.46	832.01
300	584.32	614.43	663.61
305	439.22	462.37	501.35
310	308.43	325.55	357.31
315	196.25	208.72	249.01
320	105.94	116.09	167.92
325	40.22	53.72	123.36
330	16.53	37.47	114.28
335	33.28	48.20	116.13
340	37.03	51.13	110.69
345	27.73	44.16	112.78
350	13.62	36.15	127.66
355	23.46	41.34	135.47