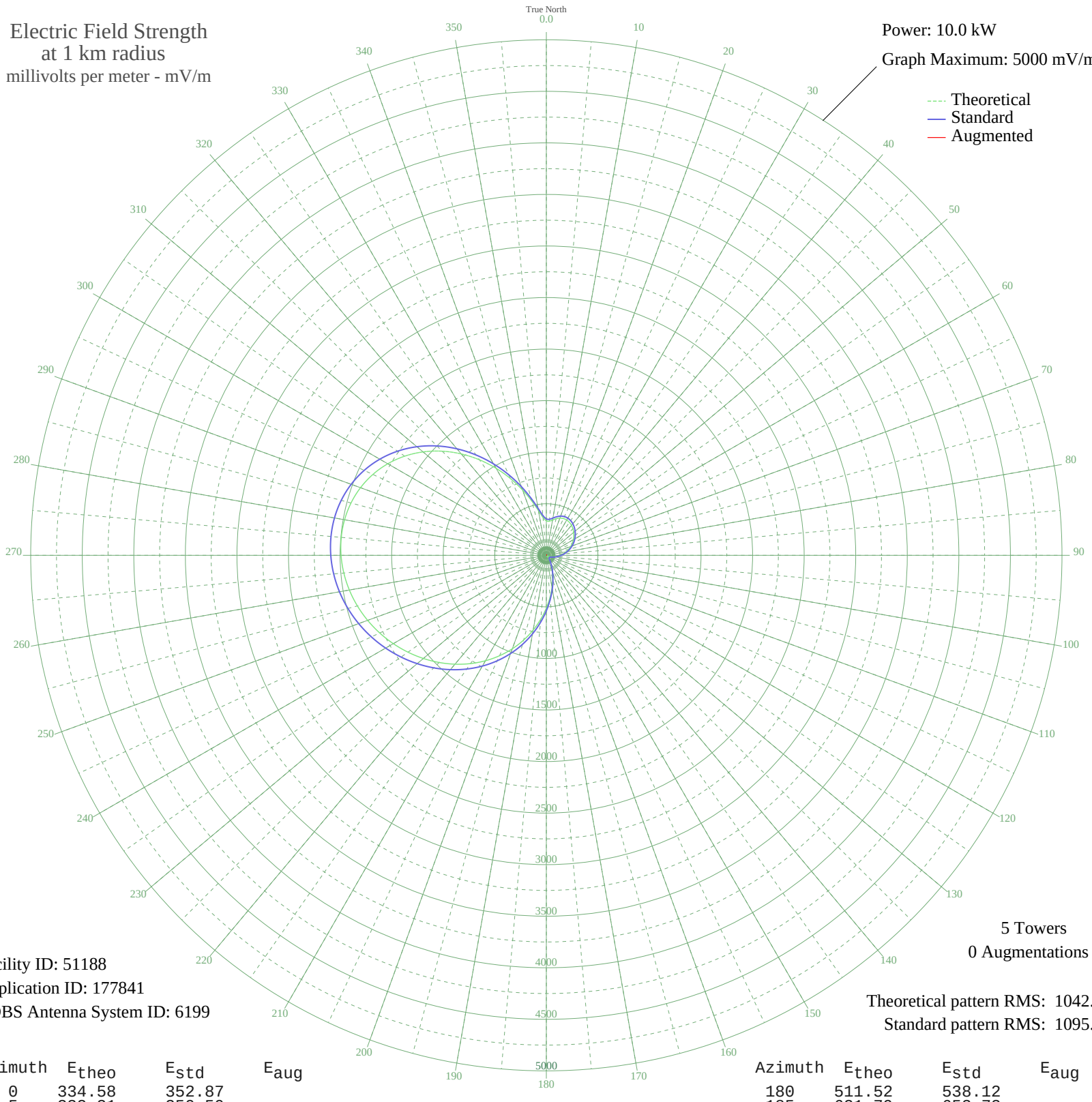
KTCT SAN MATEO, CA BL-19921014AD 1050 kHz

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

5 Towers
0 Augmentations

Facility ID: 51188
Application ID: 177841
CDBS Antenna System ID: 6199

Theoretical pattern RMS: 1042.40
Standard pattern RMS: 1095.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	334.58	352.87	
5	332.31	350.50	
10	347.71	366.60	
15	367.60	387.40	
20	384.04	404.61	
25	393.54	414.55	
30	395.33	416.43	
35	390.10	410.95	
40	379.16	399.50	
45	363.92	383.55	
50	345.54	364.33	
55	324.78	342.63	
60	302.02	318.85	
65	277.39	293.15	
70	250.97	265.61	
75	222.95	236.44	
80	193.73	206.11	
85	163.95	175.32	
90	134.44	145.01	
95	106.16	116.31	
100	80.08	90.40	
105	57.10	68.53	
110	37.91	51.84	
115	22.97	41.04	
120	12.48	35.69	
125	6.91	33.99	
130	7.76	34.19	
135	14.03	36.32	
140	25.68	42.77	
145	44.66	57.46	
150	73.19	83.72	
155	113.34	123.56	
160	166.71	178.17	
165	234.04	247.97	
170	315.02	332.44	
175	408.29	429.99	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	511.52	538.12	
185	621.79	653.73	
190	735.96	773.47	
195	851.05	894.22	
200	964.60	1013.38	
205	1074.86	1129.09	
210	1180.79	1240.28	
215	1281.96	1346.47	
220	1378.29	1447.58	
225	1469.80	1543.65	
230	1556.42	1634.58	
235	1637.84	1720.05	
240	1713.48	1799.46	
245	1782.51	1871.93	
250	1843.94	1936.42	
255	1896.65	1991.76	
260	1939.47	2036.72	
265	1971.17	2069.99	
270	1990.46	2090.25	
275	1996.05	2096.12	
280	1986.60	2086.19	
285	1960.83	2059.14	
290	1917.58	2013.73	
295	1855.98	1949.06	
300	1775.62	1864.69	
305	1676.70	1760.85	
310	1560.27	1638.62	
315	1428.31	1500.10	
320	1283.84	1348.44	
325	1130.87	1187.88	
330	974.33	1023.59	
335	820.00	861.64	
340	674.40	708.90	
345	544.96	573.17	
350	440.15	463.35	
355	368.56	388.41	

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