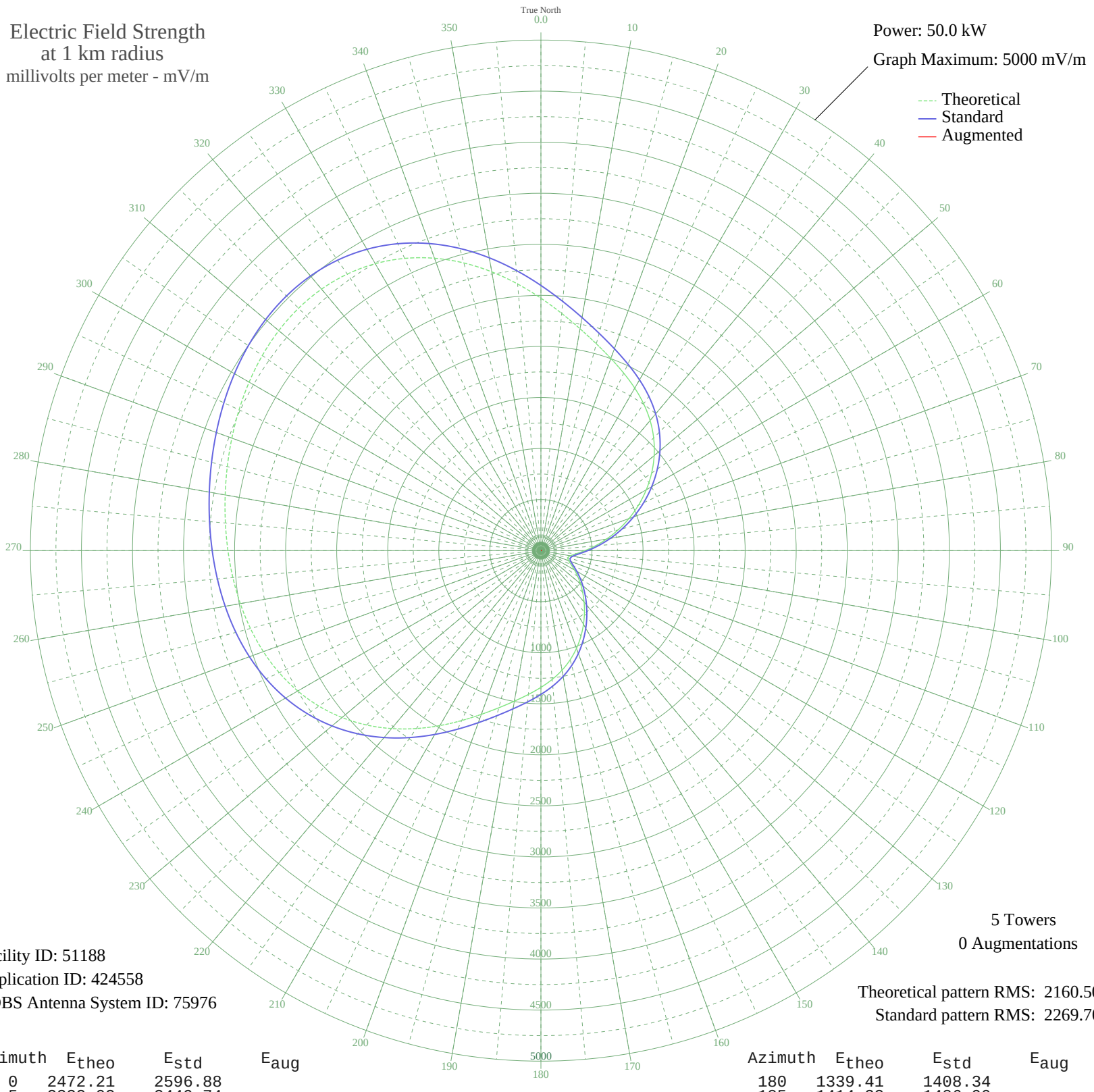
KTCT SAN MATEO, CA BL-19991028AFY 1050 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

Facility ID: 51188
Application ID: 424558
CDBS Antenna System ID: 75976

5 Towers
0 Augmentations

Theoretical pattern RMS: 2160.50
Standard pattern RMS: 2269.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2472.21	2596.88	
5	2332.02	2449.74	
10	2206.21	2317.71	
15	2096.90	2203.00	
20	2002.49	2103.92	
25	1918.24	2015.52	
30	1837.72	1931.04	
35	1754.46	1843.68	
40	1663.34	1748.09	
45	1561.36	1641.11	
50	1447.72	1521.91	
55	1323.55	1391.71	
60	1191.38	1253.15	
65	1054.57	1109.78	
70	916.80	965.50	
75	781.80	824.24	
80	653.22	689.89	
85	534.81	566.44	
90	430.94	458.53	
95	347.53	372.38	
100	292.60	316.07	
105	273.29	296.40	
110	288.22	311.61	
115	327.00	351.29	
120	379.28	405.11	
125	439.48	467.39	
130	505.82	536.27	
135	578.34	611.78	
140	657.46	694.31	
145	742.94	783.62	
150	833.41	878.22	
155	926.33	975.47	
160	1018.49	1071.99	
165	1106.84	1164.55	
170	1189.36	1251.03	
175	1266.05	1331.42	

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1339.41	1408.34	
185	1414.33	1486.90	
190	1497.06	1573.66	
195	1593.35	1674.67	
200	1706.54	1793.40	
205	1836.27	1929.52	
210	1978.63	2078.89	
215	2127.26	2234.86	
220	2274.99	2389.89	
225	2415.20	2537.05	
230	2542.81	2670.99	
235	2654.68	2788.41	
240	2749.65	2888.09	
245	2828.30	2970.65	
250	2892.56	3038.09	
255	2945.20	3093.36	
260	2989.45	3139.80	
265	3028.50	3180.80	
270	3065.23	3219.35	
275	3101.90	3257.84	
280	3139.95	3297.79	
285	3179.87	3339.69	
290	3221.08	3382.95	
295	3261.94	3425.84	
300	3299.76	3465.54	
305	3330.99	3498.33	
310	3351.49	3519.84	
315	3356.84	3525.46	
320	3342.87	3510.80	
325	3306.16	3472.27	
330	3244.55	3407.59	
335	3157.62	3316.33	
340	3047.01	3200.22	
345	2916.59	3063.32	
350	2772.25	2911.81	
355	2621.43	2753.50	