

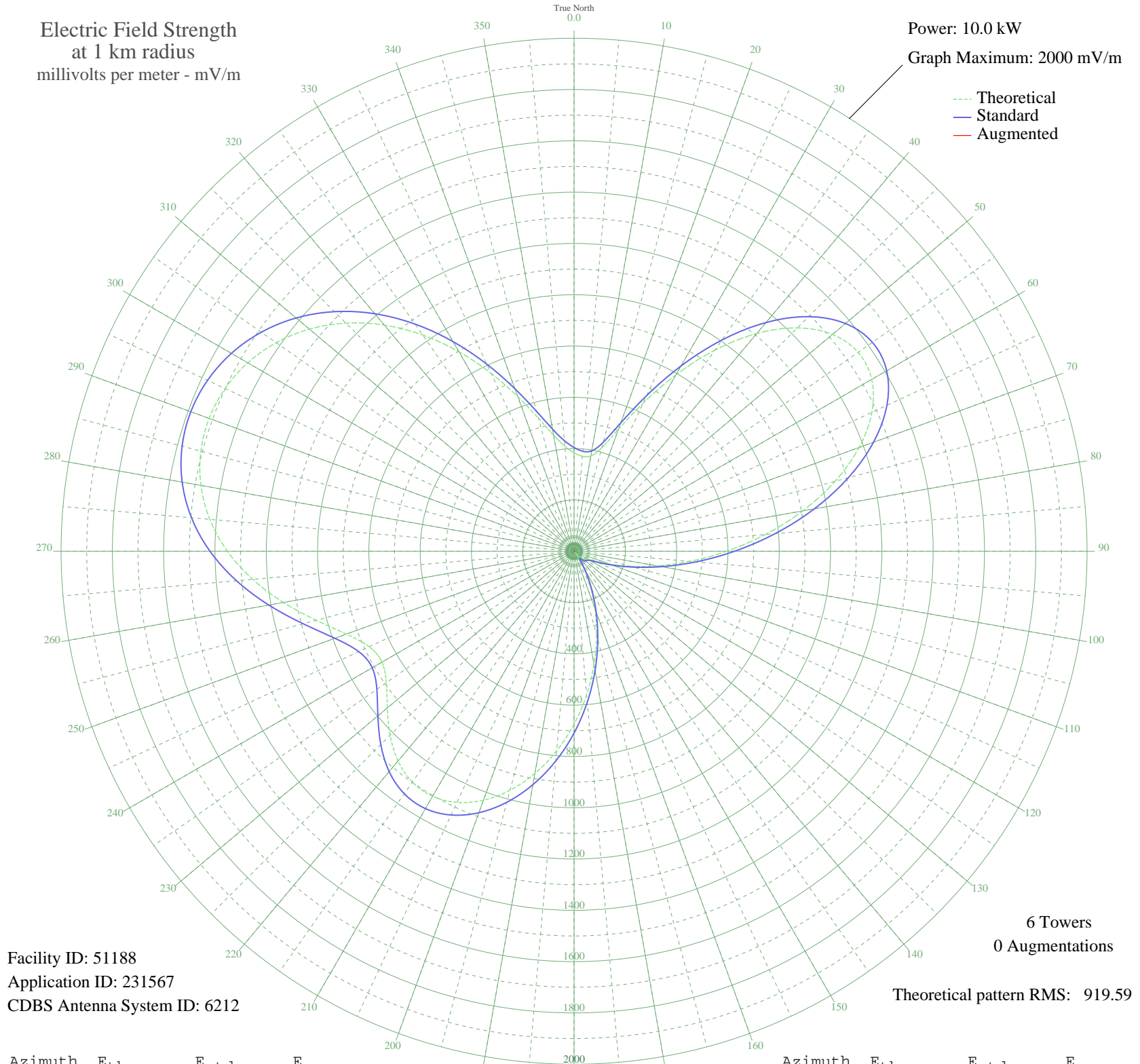
KTCT SAN MATEO, CA BMP-19960830AD 1050 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 51188
Application ID: 231567
CDBS Antenna System ID: 6212

6 Towers
0 Augmentations
Theoretical pattern RMS: 919.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	383.72	404.28	
5	371.09	391.06	
10	377.04	397.28	
15	417.70	439.84	
20	505.79	532.11	
25	636.73	669.40	
30	793.70	834.05	
35	956.95	1005.34	
40	1108.03	1163.90	
45	1231.31	1293.30	
50	1315.03	1381.18	
55	1351.98	1419.97	
60	1339.91	1407.30	
65	1281.31	1345.78	
70	1182.71	1242.29	
75	1053.64	1106.82	
80	905.22	951.06	
85	748.92	787.06	
90	595.27	625.91	
95	453.04	476.85	
100	328.65	346.68	
105	226.04	239.65	
110	146.98	157.86	
115	92.01	102.16	
120	61.14	72.27	
125	50.04	62.15	
130	45.67	58.33	
135	36.06	50.36	
140	15.48	36.97	
145	24.13	41.76	
150	77.70	88.08	
155	149.46	160.40	
160	237.45	251.52	
165	338.48	356.95	
170	448.23	471.81	
175	561.80	590.83	

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	674.38	708.88	
185	781.59	821.34	
190	879.53	924.10	
195	964.53	1013.30	
200	1032.79	1084.93	
205	1080.25	1134.75	
210	1103.10	1158.73	
215	1098.78	1154.20	
220	1067.58	1121.45	
225	1014.41	1065.65	
230	950.39	998.46	
235	893.34	938.59	
240	864.87	908.72	
245	881.50	926.17	
250	944.63	992.41	
255	1040.60	1093.13	
260	1150.41	1208.39	
265	1257.75	1321.05	
270	1351.53	1419.49	
275	1425.55	1497.20	
280	1477.27	1551.49	
285	1506.45	1582.12	
290	1514.03	1590.08	
295	1501.23	1576.64	
300	1468.91	1542.72	
305	1417.45	1488.70	
310	1346.91	1414.65	
315	1257.57	1320.86	
320	1150.65	1208.64	
325	1029.08	1081.04	
330	898.05	943.54	
335	765.36	804.32	
340	641.12	673.99	
345	536.28	564.08	
350	459.21	483.32	
355	410.78	432.59	