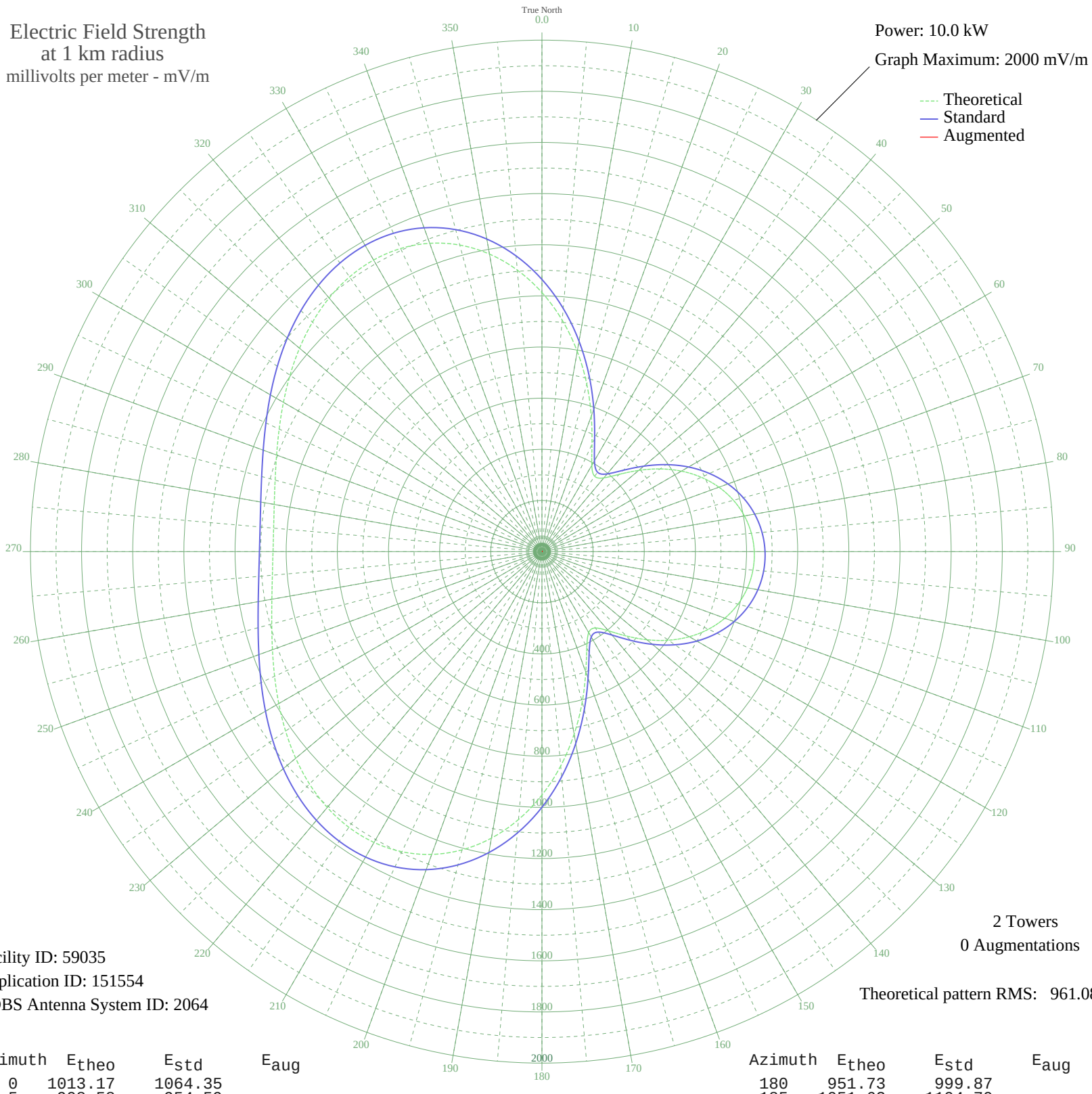
KMTI MANTI, UT BL-19900814AC 650 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 59035
Application ID: 151554
CDBS Antenna System ID: 2064

Theoretical pattern RMS: 961.08

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1013.17	1064.35	
5	908.58	954.59	
10	795.08	835.49	
15	677.83	712.50	
20	563.87	593.00	
25	463.18	487.47	
30	389.87	410.71	
35	359.43	378.86	
40	376.38	396.59	
45	427.35	449.94	
50	494.07	519.83	
55	563.81	592.93	
60	629.55	661.87	
65	687.72	722.87	
70	736.56	774.10	
75	775.35	814.79	
80	803.86	844.70	
85	822.12	863.86	
90	830.21	872.35	
95	828.18	870.23	
100	816.04	857.48	
105	793.69	834.03	
110	761.06	799.80	
115	718.20	754.84	
120	665.50	699.57	
125	604.02	635.09	
130	536.10	563.88	
135	466.46	490.90	
140	404.13	425.63	
145	364.47	384.13	
150	365.75	385.47	
155	414.85	436.85	
160	501.06	527.16	
165	608.51	639.80	
170	724.78	761.75	
175	841.25	883.94	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	951.73	999.87	
185	1051.62	1104.70	
190	1137.59	1194.93	
195	1207.40	1268.21	
200	1259.88	1323.30	
205	1294.87	1360.02	
210	1313.09	1379.14	
215	1316.06	1382.26	
220	1305.93	1371.63	
225	1285.26	1349.93	
230	1256.86	1320.12	
235	1223.61	1285.22	
240	1188.29	1248.14	
245	1153.44	1211.57	
250	1121.31	1177.85	
255	1093.78	1148.95	
260	1072.32	1126.43	
265	1058.01	1111.40	
270	1051.51	1104.59	
275	1053.14	1106.30	
280	1062.82	1116.46	
285	1080.10	1134.59	
290	1104.14	1159.82	
295	1133.71	1190.86	
300	1167.17	1225.98	
305	1202.50	1263.06	
310	1237.31	1299.60	
315	1268.96	1332.83	
320	1294.61	1359.75	
325	1311.40	1377.37	
330	1316.57	1382.80	
335	1307.73	1373.52	
340	1282.95	1347.50	
345	1241.00	1303.48	
350	1181.51	1241.03	
355	1105.04	1160.77	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission