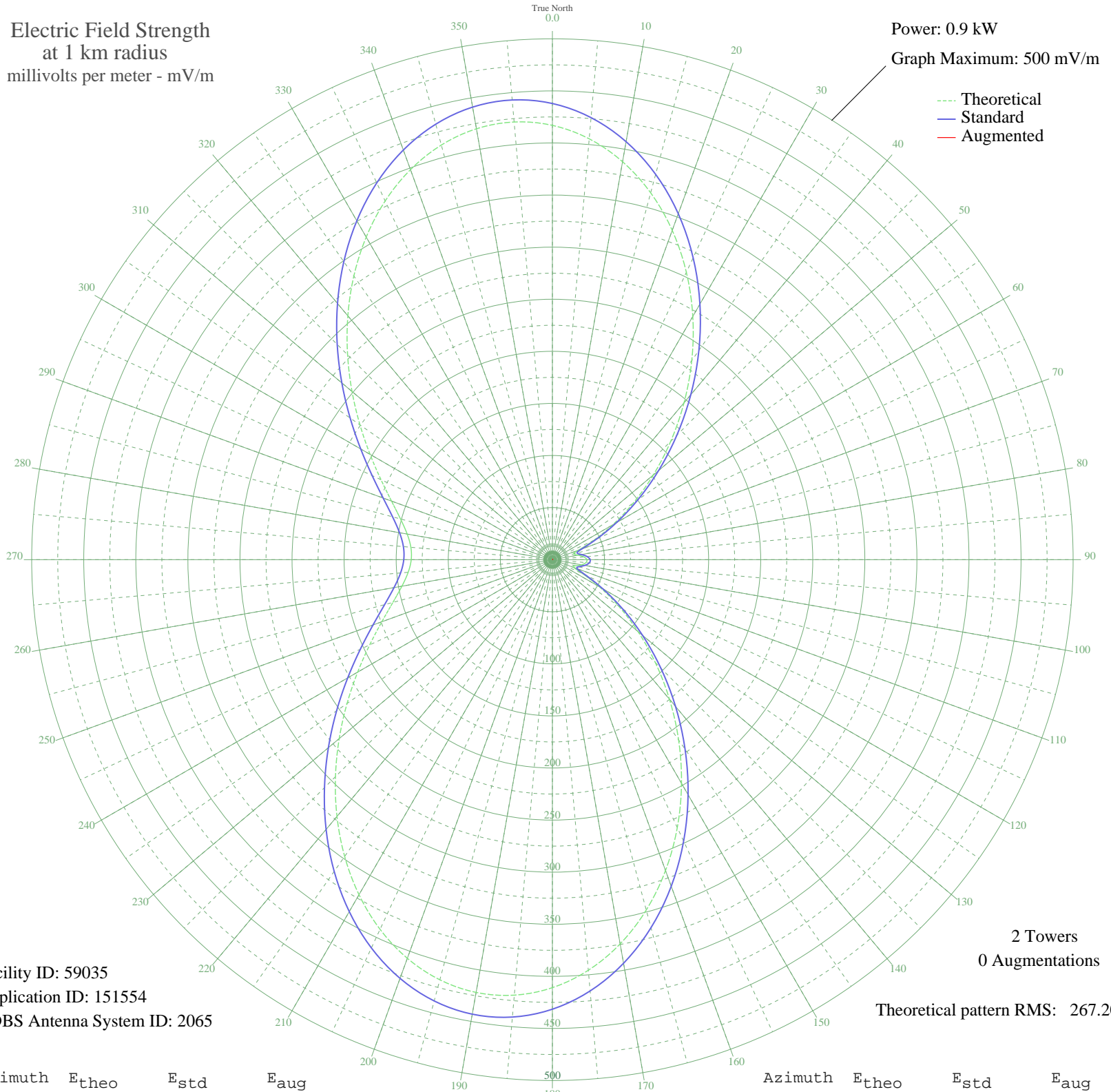


# KMTI MANTI, UT BL-19900814AC 650 kHz

Nighttime

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

Power: 0.9 kW  
Graph Maximum: 500 mV/m



Facility ID: 59035  
Application ID: 151554  
CDBS Antenna System ID: 2065

2 Towers  
0 Augmentations

Theoretical pattern RMS: 267.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	416.92	437.90	
5	405.55	425.95	
10	387.91	407.44	
15	364.59	382.97	
20	336.42	353.39	
25	304.38	319.78	
30	269.63	283.30	
35	233.32	245.21	
40	196.64	206.74	
45	160.68	169.04	
50	126.45	133.19	
55	94.88	100.17	
60	66.83	70.95	
65	43.40	46.77	
70	26.73	29.96	
75	21.06	24.48	
80	25.04	28.31	
85	30.32	33.53	
90	33.08	36.28	
95	32.37	35.57	
100	28.40	31.62	
105	22.88	26.22	
110	21.78	25.17	
115	32.35	35.55	
120	52.12	55.73	
125	77.57	82.12	
130	107.13	112.98	
135	139.88	147.24	
140	174.91	183.95	
145	211.29	222.10	
150	247.96	260.56	
155	283.78	298.16	
160	317.59	333.63	
165	348.21	365.77	
170	374.55	393.42	
175	395.69	415.60	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	410.87	431.54	
185	419.65	440.75	
190	421.83	443.05	
195	417.56	438.56	
200	407.24	427.74	
205	391.56	411.28	
210	371.40	390.11	
215	347.78	365.32	
220	321.80	338.06	
225	294.59	309.50	
230	267.23	280.79	
235	240.71	252.96	
240	215.90	226.94	
245	193.56	203.51	
250	174.29	183.30	
255	158.56	166.82	
260	146.72	154.42	
265	139.01	146.33	
270	135.55	142.72	
275	136.42	143.62	
280	141.59	149.04	
285	150.97	158.87	
290	164.40	172.94	
295	181.59	190.96	
300	202.16	212.52	
305	225.57	237.08	
310	251.16	263.92	
315	278.13	292.22	
320	305.56	321.00	
325	332.40	349.18	
330	357.57	375.60	
335	379.94	399.08	
340	398.43	418.48	
345	412.06	432.79	
350	420.02	441.15	
355	421.75	442.96	