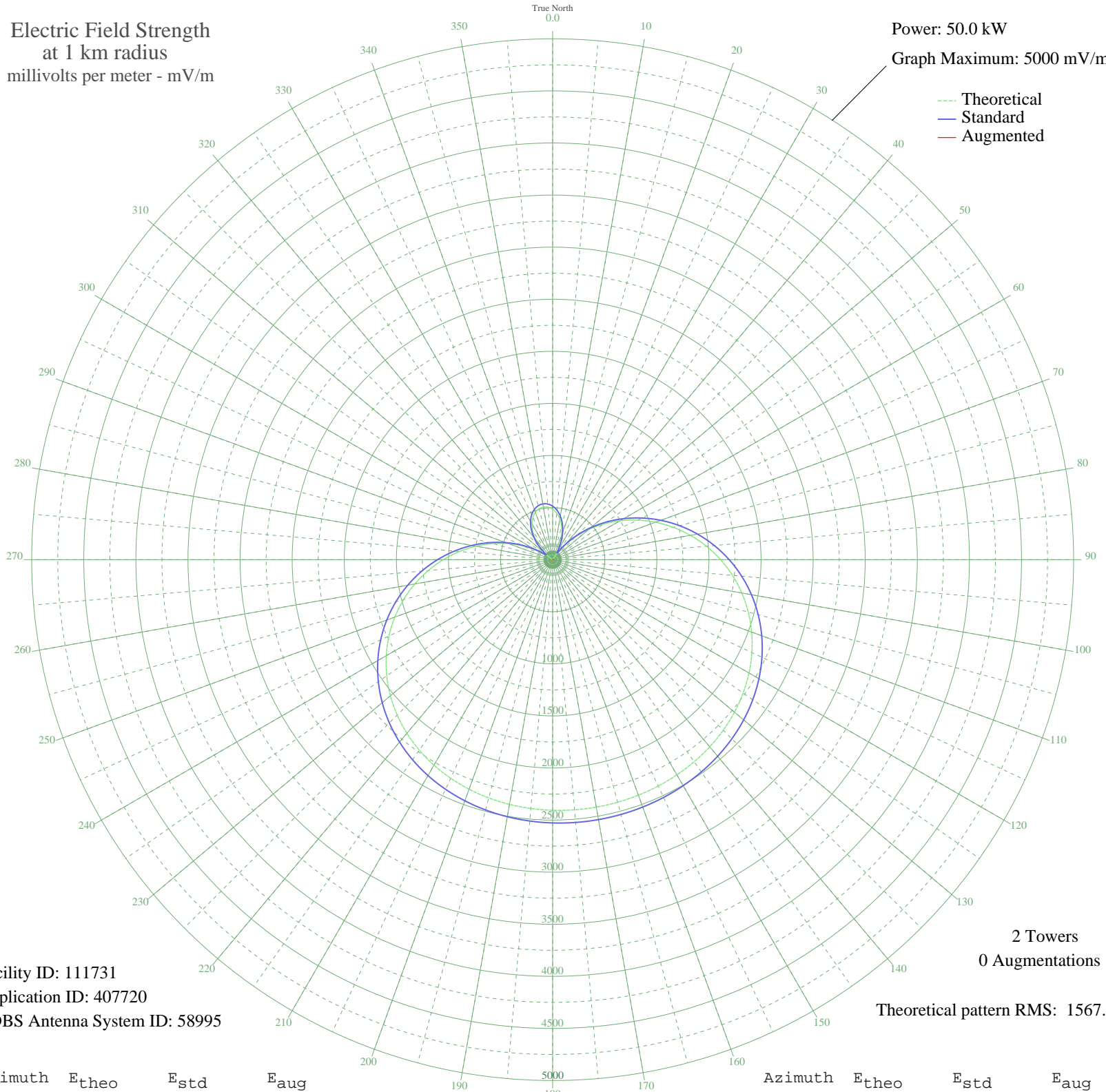


XEFW1 TAMPICO, TA Mexico -- 810 kHz

Nighttime

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: 111731
Application ID: 407720
CDBS Antenna System ID: 58995

2 Towers
0 Augmentations

Theoretical pattern RMS: 1567.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	483.91	513.51	
5	448.00	476.23	
10	397.95	424.39	
15	334.00	358.48	
20	256.54	279.42	
25	166.10	189.55	
30	63.35	99.69	
35	50.79	91.42	
40	175.23	198.40	
45	308.62	332.44	
50	449.41	477.69	
55	595.86	630.04	
60	746.05	786.86	
65	897.94	945.76	
70	1049.46	1104.43	
75	1198.52	1260.64	
80	1343.14	1412.25	
85	1481.46	1557.30	
90	1611.86	1694.09	
95	1733.02	1821.18	
100	1843.89	1937.51	
105	1943.79	2042.33	
110	2032.38	2135.29	
115	2109.66	2216.39	
120	2175.93	2285.94	
125	2231.76	2344.52	
130	2277.92	2392.97	
135	2315.34	2432.24	
140	2345.02	2463.39	
145	2367.99	2487.50	
150	2385.23	2505.59	
155	2397.63	2518.61	
160	2405.93	2527.31	
165	2410.67	2532.29	
170	2412.21	2533.91	
175	2410.67	2532.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2405.93	2527.31	
185	2397.63	2518.61	
190	2385.23	2505.59	
195	2367.99	2487.50	
200	2345.02	2463.39	
205	2315.34	2432.24	
210	2277.92	2392.97	
215	2231.76	2344.53	
220	2175.93	2285.94	
225	2109.66	2216.39	
230	2032.38	2135.29	
235	1943.79	2042.33	
240	1843.89	1937.51	
245	1733.02	1821.18	
250	1611.87	1694.09	
255	1481.46	1557.30	
260	1343.14	1412.25	
265	1198.53	1260.64	
270	1049.47	1104.44	
275	897.95	945.76	
280	746.05	786.86	
285	595.86	630.04	
290	449.41	477.69	
295	308.62	332.45	
300	175.23	198.40	
305	50.79	91.42	
310	63.35	99.69	
315	166.09	189.55	
320	256.54	279.42	
325	334.00	358.47	
330	397.94	424.39	
335	448.00	476.22	
340	483.91	513.51	
345	505.52	535.96	
350	512.73	543.47	
355	505.52	535.96	

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission