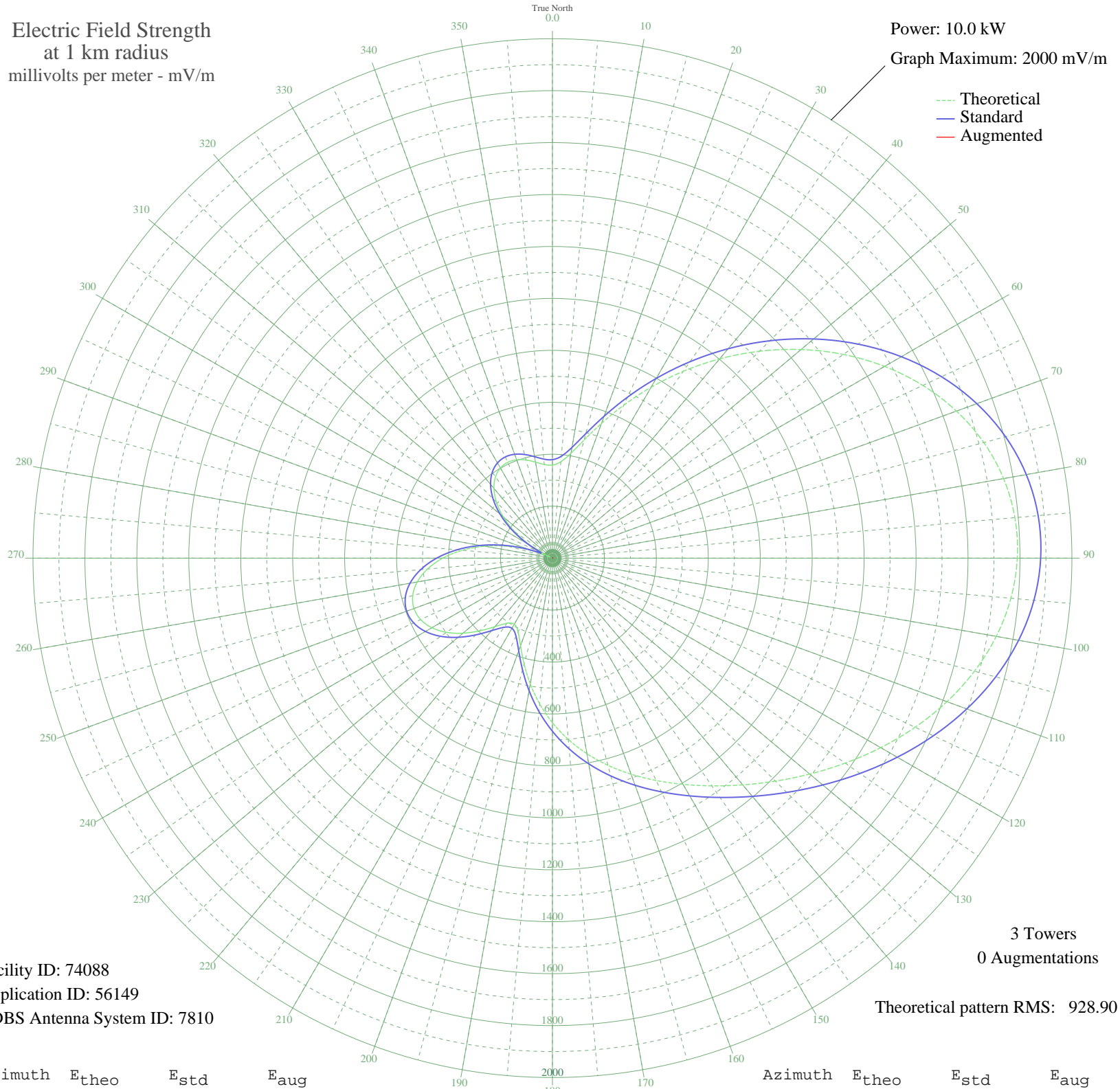


# WTIS TAMPA, FL BL-19830418AG 1110 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 74088  
Application ID: 56149  
CDBS Antenna System ID: 7810

3 Towers  
0 Augmentations

Theoretical pattern RMS: 928.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	358.40	379.06	
5	372.62	393.89	
10	409.83	432.72	
15	470.62	496.24	
20	552.00	581.38	
25	649.73	683.73	
30	759.67	798.95	
35	878.08	923.10	
40	1001.47	1052.53	
45	1126.46	1183.66	
50	1249.62	1312.89	
55	1367.49	1436.58	
60	1476.59	1551.08	
65	1573.58	1652.89	
70	1655.41	1738.77	
75	1719.47	1806.02	
80	1763.83	1852.58	
85	1787.34	1877.26	
90	1789.76	1879.79	
95	1771.81	1860.95	
100	1735.14	1822.47	
105	1682.25	1766.95	
110	1616.27	1697.69	
115	1540.78	1618.46	
120	1459.51	1533.16	
125	1376.04	1445.56	
130	1293.49	1358.93	
135	1214.24	1275.76	
140	1139.74	1197.59	
145	1070.45	1124.89	
150	1005.85	1057.12	
155	944.69	992.97	
160	885.29	930.67	
165	825.84	868.32	
170	764.71	804.23	
175	700.75	737.19	

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.

13 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	633.45	666.68	
185	563.20	593.11	
190	491.53	518.10	
195	421.63	445.04	
200	359.18	379.87	
205	313.07	331.86	
210	293.85	311.87	
215	306.46	324.98	
220	344.54	364.62	
225	395.86	418.13	
230	449.60	474.26	
235	498.09	524.97	
240	536.07	564.70	
245	559.90	589.65	
250	567.23	597.33	
255	556.84	586.45	
260	528.52	556.81	
265	483.07	509.26	
270	422.20	445.63	
275	348.37	368.61	
280	264.69	281.62	
285	174.67	188.96	
290	82.03	97.39	
295	10.44	46.77	
300	97.10	111.63	
305	176.91	191.24	
310	246.84	263.14	
315	305.03	323.49	
320	350.29	370.60	
325	382.13	403.80	
330	400.76	423.25	
335	407.11	429.87	
340	402.91	425.50	
345	390.95	413.00	
350	375.33	396.71	
355	361.94	382.75	