

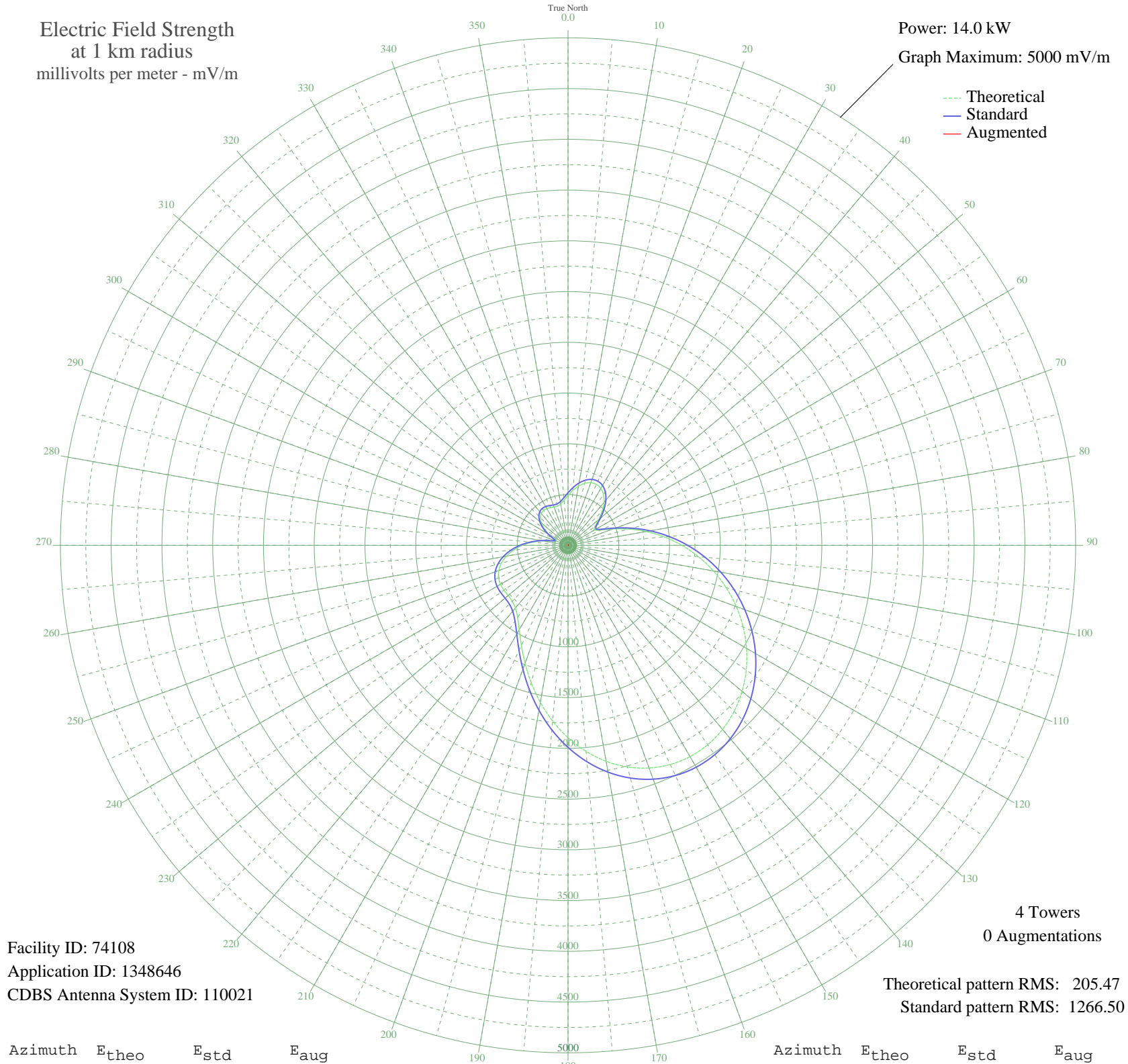
WTMP EGYPT LAKE, FL BP-20090319AAB 1150 kHz

Daytime

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

Power: 14.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 74108  
Application ID: 1348646  
CDBS Antenna System ID: 110021

Theoretical pattern RMS: 205.47  
Standard pattern RMS: 1266.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	491.28	517.69	
5	542.43	571.23	
10	591.52	622.64	
15	631.40	664.41	
20	656.31	690.51	
25	662.13	696.62	
30	646.44	680.17	
35	608.60	640.53	
40	550.06	579.22	
45	475.10	500.77	
50	392.92	414.88	
55	323.20	342.17	
60	301.97	320.07	
65	357.12	377.52	
70	472.33	497.88	
75	619.35	651.79	
80	781.62	821.87	
85	950.55	999.04	
90	1121.17	1178.04	
95	1290.14	1355.36	
100	1454.94	1528.31	
105	1613.41	1694.64	
110	1763.52	1852.21	
115	1903.23	1998.87	
120	2030.39	2132.36	
125	2142.76	2250.33	
130	2238.02	2350.33	
135	2313.84	2429.93	
140	2368.01	2486.80	
145	2398.54	2518.85	
150	2403.81	2524.38	
155	2382.71	2502.22	
160	2334.78	2451.91	
165	2260.36	2373.78	
170	2160.68	2269.13	
175	2037.97	2140.32	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1895.57	1990.83	
185	1737.96	1825.38	
190	1570.81	1649.93	
195	1401.02	1471.73	
200	1236.70	1299.27	
205	1086.91	1142.09	
210	960.93	1009.92	
215	866.48	910.85	
220	806.74	848.20	
225	777.91	817.97	
230	769.90	809.58	
235	770.19	809.88	
240	767.64	807.21	
245	754.31	793.23	
250	725.58	763.11	
255	679.58	714.90	
260	616.60	648.91	
265	538.54	567.15	
270	448.55	473.01	
275	351.05	371.19	
280	252.33	268.54	
285	164.34	178.02	
290	119.29	132.68	
295	151.27	164.75	
300	218.37	233.42	
305	285.61	303.06	
310	342.03	361.78	
315	383.68	405.24	
320	409.40	432.09	
325	419.98	443.14	
330	418.24	441.33	
335	409.23	431.92	
340	400.21	422.49	
345	399.60	421.85	
350	414.26	437.17	
355	446.11	470.45	

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