

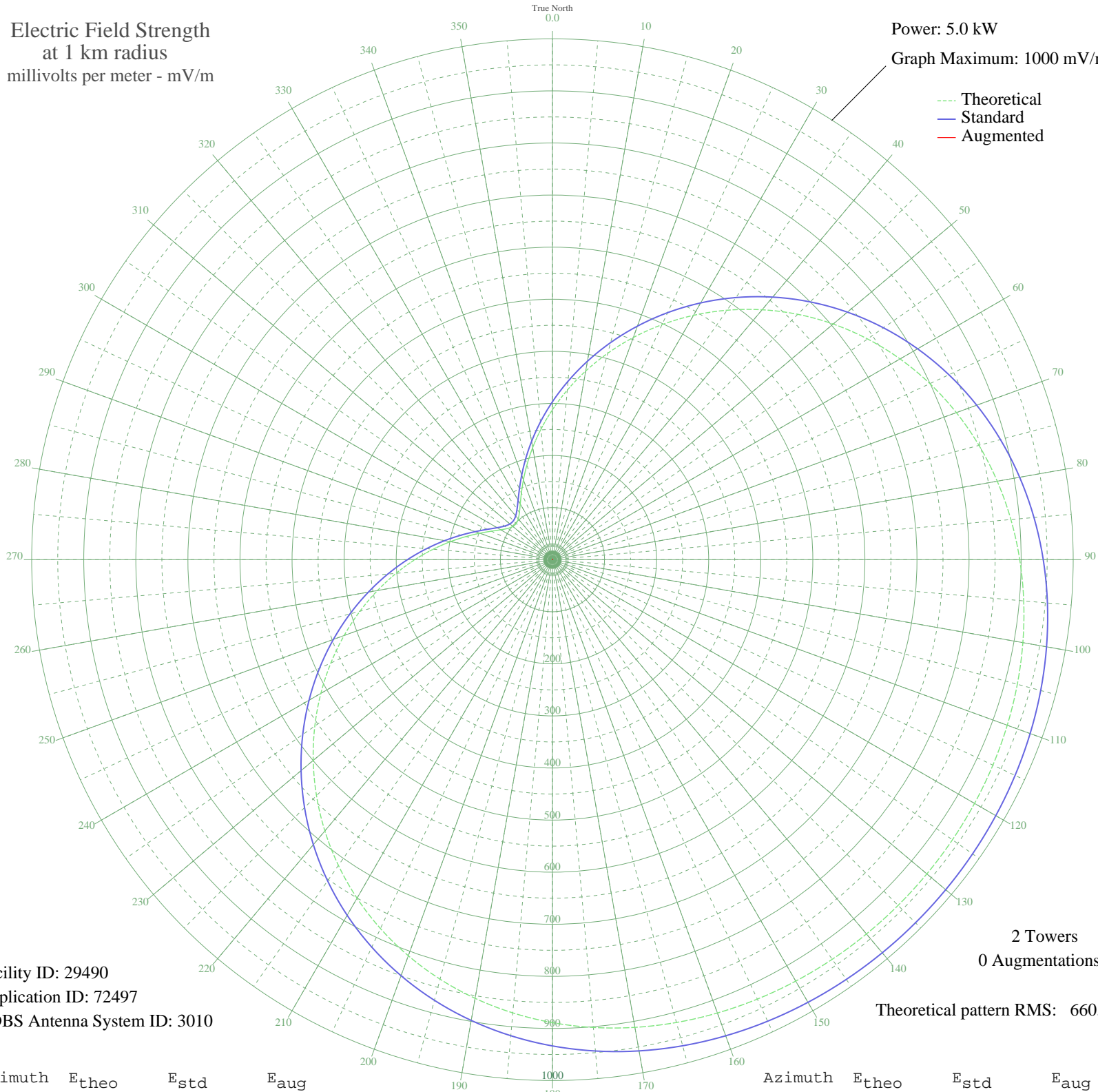
# WFTL WEST PALM BEACH, FL BL-19840912AC 850 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 29490  
Application ID: 72497  
CDBS Antenna System ID: 3010

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 660.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	287.88	303.19	
5	326.75	343.89	
10	367.74	386.84	
15	410.30	431.45	
20	453.87	477.14	
25	497.84	523.26	
30	541.63	569.19	
35	584.65	614.33	
40	626.34	658.07	
45	666.20	699.91	
50	703.80	739.36	
55	738.75	776.04	
60	770.79	809.67	
65	799.72	840.03	
70	825.44	867.03	
75	847.96	890.66	
80	867.33	911.00	
85	883.73	928.21	
90	897.34	942.50	
95	908.43	954.14	
100	917.28	963.43	
105	924.18	970.67	
110	929.42	976.18	
115	933.27	980.22	
120	935.96	983.04	
125	937.69	984.85	
130	938.58	985.78	
135	938.71	985.92	
140	938.09	985.28	
145	936.68	983.79	
150	934.35	981.35	
155	930.94	977.77	
160	926.22	972.82	
165	919.95	966.23	
170	911.82	957.70	
175	901.56	946.93	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	888.88	933.62	
185	873.50	917.48	
190	855.21	898.28	
195	833.82	875.83	
200	809.25	850.03	
205	781.45	820.86	
210	750.50	788.38	
215	716.56	752.75	
220	679.87	714.25	
225	640.76	673.21	
230	599.67	630.09	
235	557.06	585.38	
240	513.48	539.67	
245	469.51	493.54	
250	425.73	447.63	
255	382.74	402.56	
260	341.12	358.95	
265	301.44	317.39	
270	264.21	278.41	
275	229.90	242.53	
280	198.92	210.18	
285	171.64	181.75	
290	148.36	157.54	
295	129.32	137.80	
300	114.70	122.70	
305	104.62	112.33	
310	99.15	106.72	
315	98.32	105.88	
320	102.14	109.79	
325	110.59	118.46	
330	123.60	131.89	
335	141.09	149.99	
340	162.88	172.63	
345	188.77	199.59	
350	218.47	230.59	
355	251.64	265.26	

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