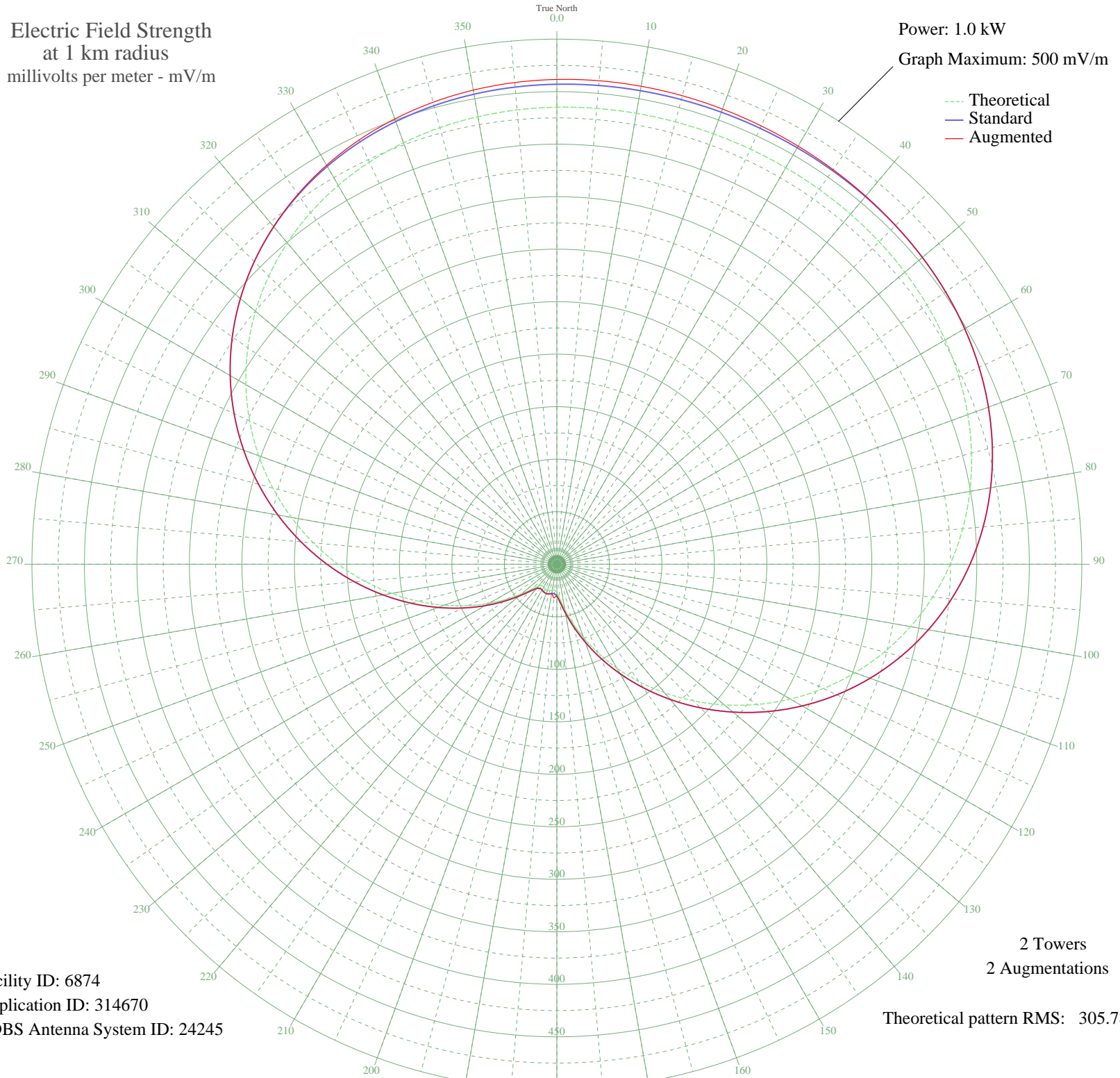


# WKYX PADUCAH, KY BL-- 570 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 6874  
Application ID: 314670  
CDBS Antenna System ID: 24245

2 Towers  
2 Augmentations

Theoretical pattern RMS: 305.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	435.18	457.06	461.60
5	435.70	457.61	462.13
10	435.97	457.89	462.15
15	436.08	458.01	461.82
20	436.11	458.04	461.24
25	436.08	458.01	460.51
30	435.97	457.89	459.66
35	435.70	457.61	458.71
40	435.18	457.06	457.60
45	434.24	456.07	456.24
50	432.71	454.47	454.48
55	430.39	452.04	452.04
60	427.06	448.54	448.54
65	422.50	443.75	443.75
70	416.49	437.44	437.44
75	408.85	429.42	429.42
80	399.40	419.50	419.50
85	388.03	407.57	407.57
90	374.68	393.55	393.55
95	359.33	377.44	377.44
100	342.04	359.29	359.29
105	322.93	339.23	339.23
110	302.18	317.46	317.46
115	280.03	294.22	294.22
120	256.79	269.83	269.83
125	232.77	244.63	244.63
130	208.34	219.01	219.01
135	183.88	193.36	193.36
140	159.77	168.08	168.08
145	136.40	143.60	143.60
150	114.13	120.30	120.30
155	93.35	98.58	98.58
160	74.43	78.86	78.86
165	57.77	61.57	61.57
170	43.89	47.26	47.26
175	33.43	36.64	36.64

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	27.08	30.31	30.31
185	24.79	28.06	32.19
190	25.06	28.33	28.33
195	26.02	29.27	29.27
200	26.46	29.70	29.70
205	26.02	29.27	29.27
210	25.06	28.33	28.33
215	24.79	28.06	28.06
220	27.08	30.31	30.31
225	33.43	36.64	36.64
230	43.89	47.26	47.26
235	57.77	61.57	61.57
240	74.43	78.86	78.86
245	93.35	98.58	98.58
250	114.13	120.30	120.30
255	136.40	143.60	143.60
260	159.77	168.08	168.08
265	183.88	193.36	193.36
270	208.34	219.01	219.01
275	232.77	244.63	244.63
280	256.79	269.83	269.83
285	280.03	294.22	294.22
290	302.18	317.46	317.46
295	322.93	339.23	339.23
300	342.04	359.29	359.29
305	359.33	377.44	377.44
310	374.68	393.55	393.55
315	388.03	407.57	407.57
320	399.40	419.50	419.75
325	408.85	429.42	430.10
330	416.49	437.44	438.73
335	422.50	443.75	445.73
340	427.06	448.54	451.24
345	430.39	452.04	455.41
350	432.71	454.47	458.42
355	434.24	456.07	460.42