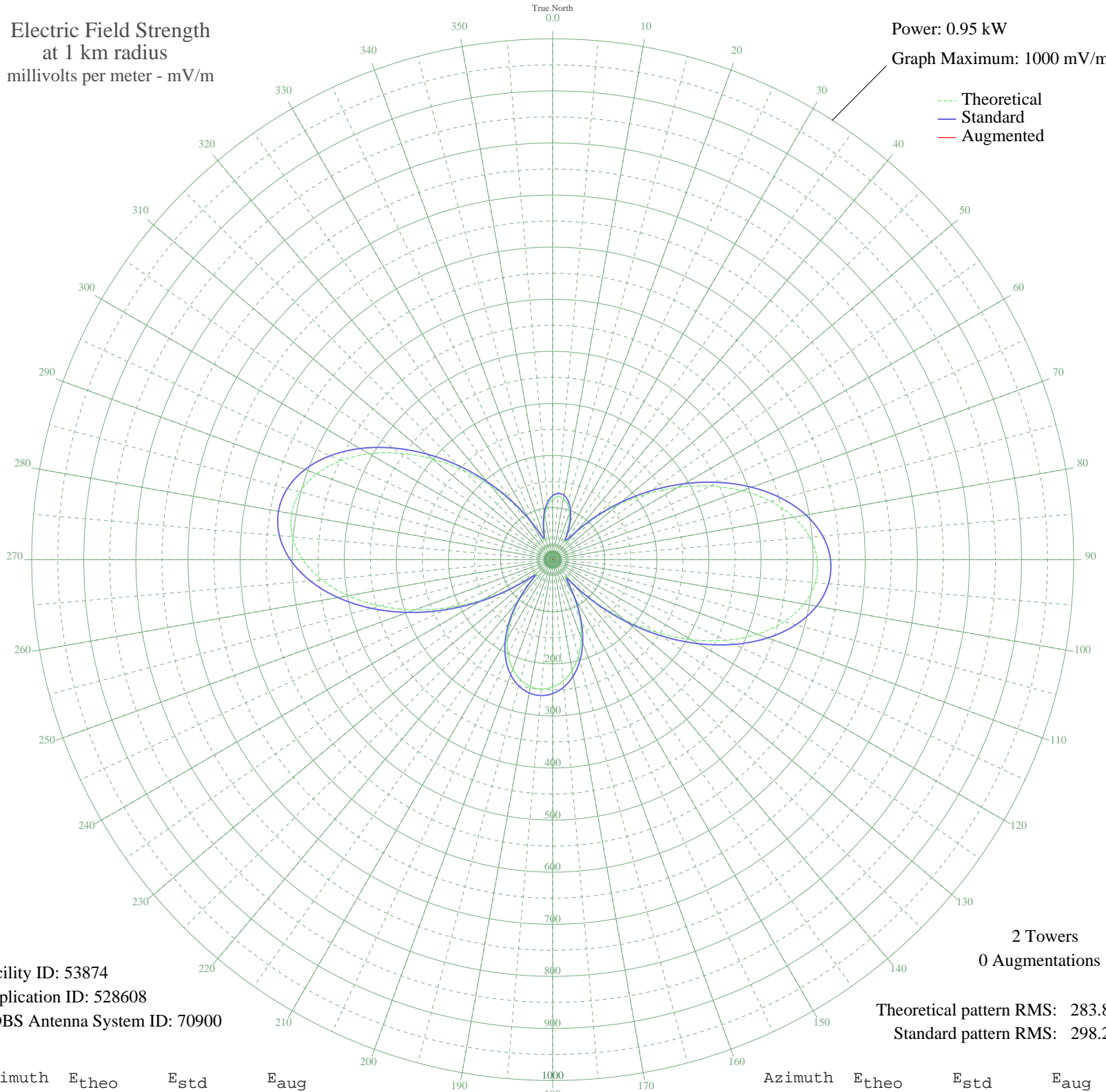


# WKSR PULASKI, TN BL-19990823DF 1420 kHz

Nighttime

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

Power: 0.95 kW  
Graph Maximum: 1000 mV/m



Facility ID: 53874  
Application ID: 528608  
CDBS Antenna System ID: 70900

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 283.85  
Standard pattern RMS: 298.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	116.40	122.67	
5	121.19	127.68	
10	119.13	125.53	
15	110.28	116.27	
20	94.92	100.21	
25	73.97	78.37	
30	51.08	54.65	
35	42.05	45.38	
40	67.02	71.15	
45	111.11	117.14	
50	163.32	171.80	
55	219.68	230.90	
60	277.50	291.57	
65	334.17	351.03	
70	386.96	406.44	
75	433.12	454.90	
80	470.07	493.68	
85	495.55	520.43	
90	507.86	533.36	
95	506.03	531.44	
100	489.90	514.50	
105	460.15	483.27	
110	418.24	439.28	
115	366.32	384.78	
120	306.97	322.49	
125	243.09	255.46	
130	177.74	186.92	
135	114.41	120.59	
140	59.78	63.64	
145	44.14	47.52	
150	80.26	84.92	
155	122.50	129.06	
160	160.16	168.50	
165	191.43	201.28	
170	215.92	226.95	
175	233.62	245.52	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	244.67	257.12	
185	249.20	261.87	
190	247.26	259.83	
195	238.83	250.99	
200	223.80	235.23	
205	202.04	212.41	
210	173.47	182.45	
215	138.28	145.57	
220	97.44	102.85	
225	55.89	59.62	
230	45.45	48.86	
235	90.81	95.92	
240	151.93	159.87	
245	216.95	228.04	
250	281.80	296.07	
255	343.31	360.63	
260	398.54	418.60	
265	444.74	467.09	
270	479.57	503.66	
275	501.28	526.45	
280	508.86	534.40	
285	502.12	527.33	
290	481.74	505.94	
295	449.14	471.72	
300	406.37	426.81	
305	355.90	373.85	
310	300.46	315.65	
315	242.78	255.13	
320	185.52	195.08	
325	131.30	138.26	
330	83.27	88.06	
335	48.38	51.87	
340	44.12	47.50	
345	64.62	68.66	
350	87.11	92.07	
355	104.89	110.63	

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