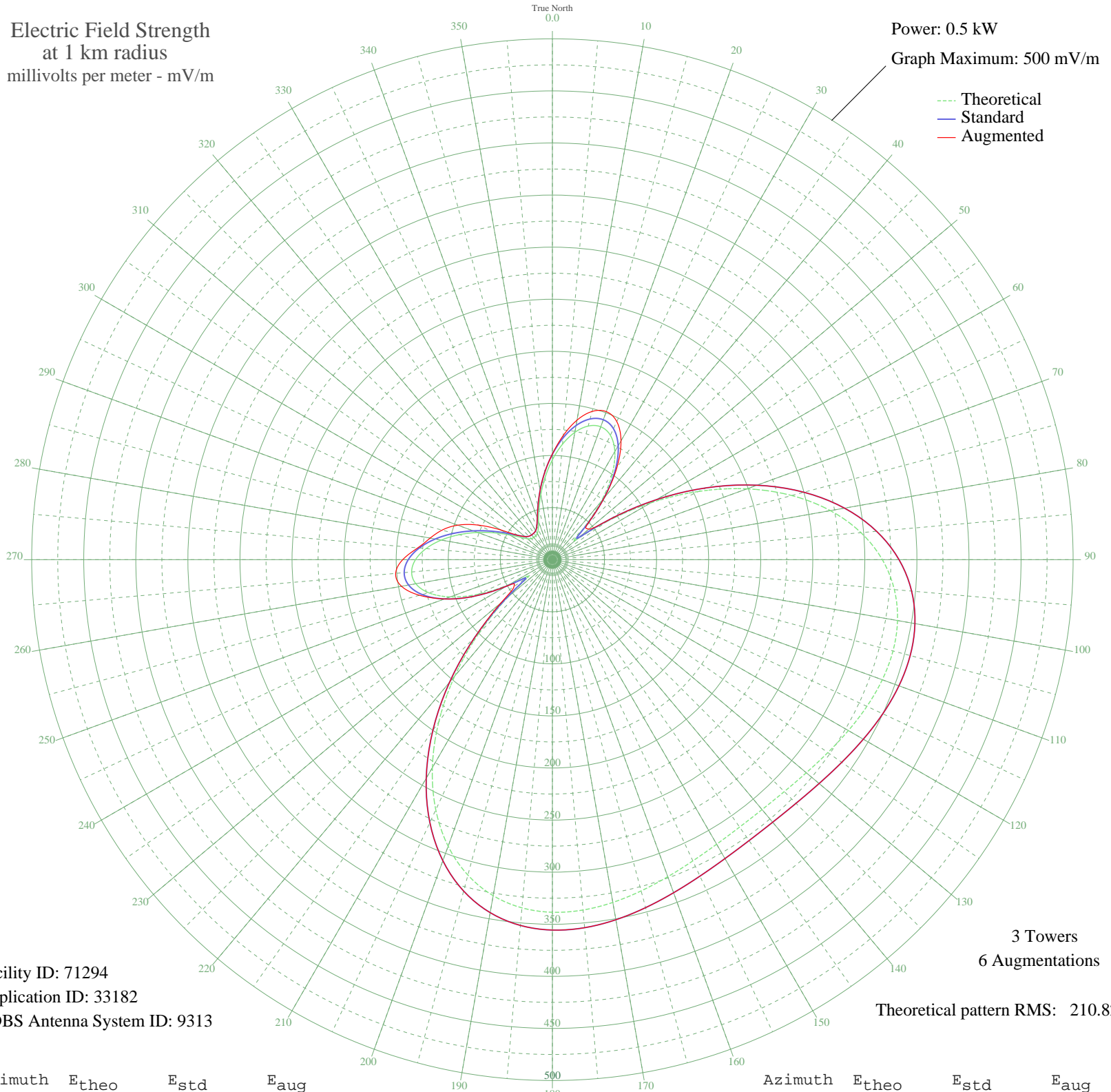


# WCRK MORRISTOWN, TN BL-19810810AE 1150 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 71294  
Application ID: 33182  
CDBS Antenna System ID: 9313

3 Towers  
6 Augmentations

Theoretical pattern RMS: 210.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	95.89	101.23	101.47
5	111.27	117.30	119.68
10	124.11	130.74	135.99
15	132.79	139.82	147.32
20	135.77	142.95	151.28
25	131.77	138.75	146.30
30	119.90	126.33	131.76
35	99.91	105.43	108.07
40	72.53	76.88	77.20
45	41.24	44.56	46.61
50	29.68	32.89	45.62
55	63.81	67.82	67.82
60	108.99	114.92	114.92
65	155.07	163.17	163.17
70	198.76	208.97	208.97
75	237.91	250.03	250.03
80	271.07	284.82	284.82
85	297.44	312.49	312.49
90	316.83	332.84	332.84
95	329.59	346.23	346.23
100	336.49	353.47	353.47
105	338.59	355.68	355.68
110	337.09	354.10	354.10
115	333.22	350.04	350.04
120	328.15	344.71	344.71
125	322.88	339.18	339.18
130	318.24	334.32	334.32
135	314.88	330.79	330.79
140	313.20	329.03	329.03
145	313.39	329.23	329.23
150	315.43	331.37	331.37
155	319.09	335.21	335.21
160	323.90	340.26	340.26
165	329.21	345.83	345.83
170	334.13	350.99	350.99
175	337.62	354.66	354.66

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	338.50	355.58	355.58
185	335.53	352.47	352.47
190	327.54	344.07	344.07
195	313.50	329.34	329.34
200	292.72	307.54	307.54
205	264.96	278.41	278.41
210	230.52	242.28	242.28
215	190.33	200.12	200.12
220	145.97	153.62	153.62
225	99.73	105.24	105.24
230	55.42	59.13	64.37
235	27.52	30.74	45.06
240	47.35	50.82	50.82
245	78.51	83.10	83.10
250	104.54	110.27	110.27
255	122.92	129.50	132.15
260	133.18	140.23	147.16
265	135.70	142.87	151.10
270	131.46	138.43	143.74
275	121.82	128.34	129.80
280	108.34	114.24	119.19
285	92.65	97.84	109.64
290	76.31	80.81	96.80
295	60.80	64.70	78.54
300	47.47	50.93	56.85
305	37.44	40.69	40.69
310	31.33	34.53	34.53
315	28.60	31.81	31.81
320	27.82	31.04	31.04
325	27.89	31.11	31.11
330	28.94	32.15	32.15
335	32.24	35.45	35.45
340	39.14	42.42	42.42
345	49.90	53.44	53.44
350	63.77	67.78	67.78
355	79.56	84.19	84.19