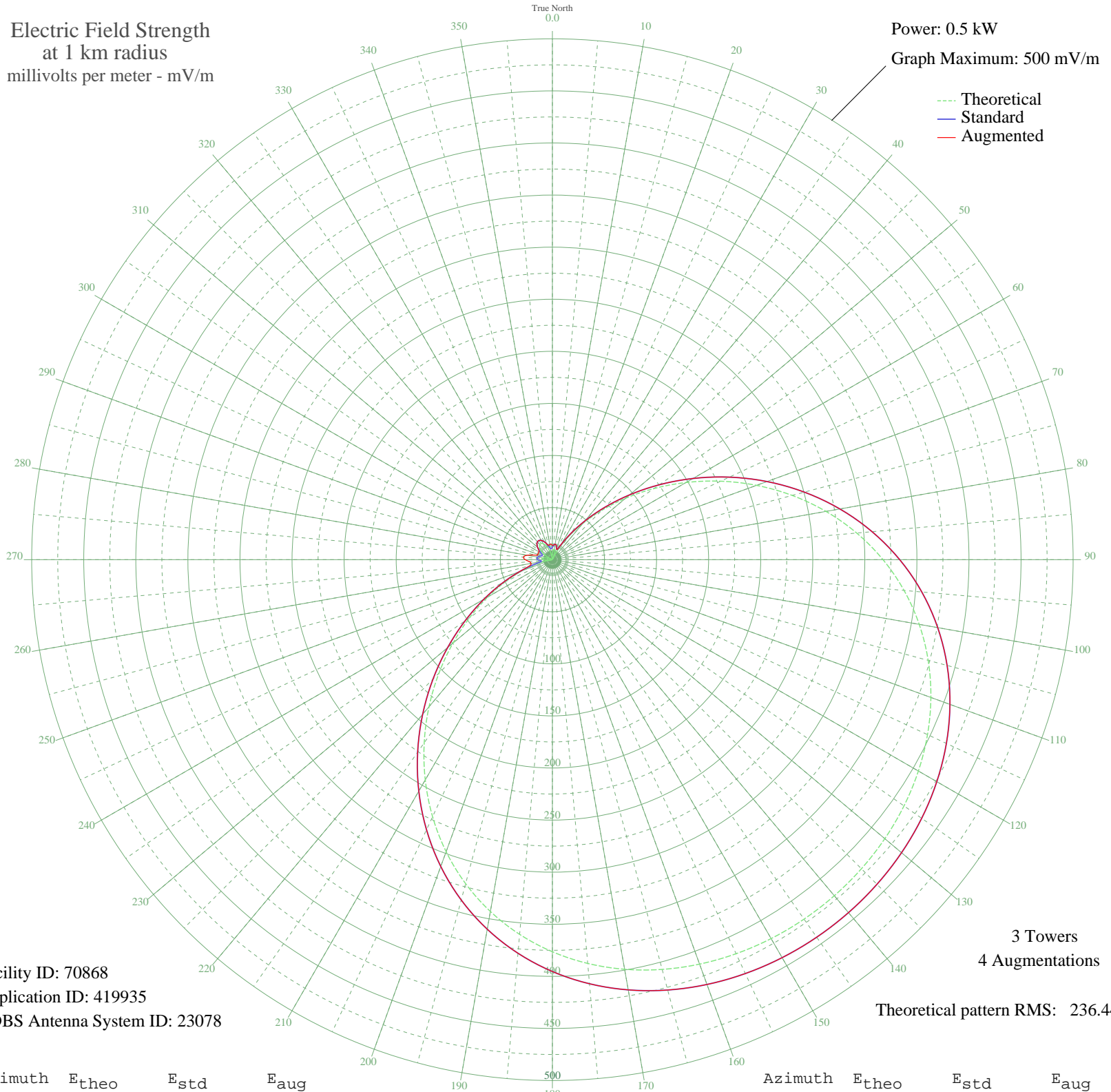


WITK PITTSTON, PA BL-19860212AI 1550 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 70868  
Application ID: 419935  
CDBS Antenna System ID: 23078

3 Towers  
4 Augmentations  
Theoretical pattern RMS: 236.44

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	5.97	12.23	13.86
5	8.97	14.10	14.10
10	10.25	15.04	15.04
15	9.24	14.30	14.30
20	5.41	11.94	11.94
25	1.72	10.65	10.65
30	12.42	16.75	16.75
35	26.89	30.13	30.13
40	45.10	48.50	48.50
45	66.81	70.93	70.93
50	91.62	96.78	96.78
55	118.96	125.34	125.34
60	148.09	155.85	155.85
65	178.25	187.45	187.45
70	208.59	219.27	219.27
75	238.33	250.47	250.47
80	266.77	280.30	280.30
85	293.29	308.14	308.14
90	317.46	333.49	333.49
95	338.96	356.07	356.07
100	357.67	375.70	375.70
105	373.56	392.38	392.38
110	386.75	406.23	406.23
115	397.42	417.42	417.42
120	405.80	426.21	426.21
125	412.14	432.87	432.87
130	416.68	437.64	437.64
135	419.62	440.73	440.73
140	421.12	442.30	442.30
145	421.26	442.44	442.44
150	420.03	441.16	441.16
155	417.39	438.38	438.38
160	413.18	433.97	433.97
165	407.22	427.71	427.71
170	399.27	419.36	419.36
175	389.08	408.67	408.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	376.41	395.37	395.37
185	361.07	379.27	379.27
190	342.93	360.23	360.23
195	321.98	338.24	338.24
200	298.33	313.42	313.42
205	272.24	286.05	286.05
210	244.15	256.57	256.57
215	214.61	225.59	225.59
220	184.32	193.83	193.83
225	154.07	162.11	162.11
230	124.66	131.32	131.32
235	96.91	102.30	102.30
240	71.54	75.85	75.85
245	49.17	52.69	52.69
250	30.24	33.44	33.51
255	15.01	18.94	22.45
260	3.56	11.15	20.88
265	4.26	11.41	22.13
270	8.72	13.93	26.05
275	10.25	15.04	28.00
280	9.38	14.40	24.29
285	6.68	12.63	16.76
290	2.74	10.89	14.91
295	1.87	10.68	14.96
300	6.59	12.58	14.88
305	10.99	15.60	15.95
310	14.66	18.64	18.64
315	17.33	21.01	21.01
320	18.78	22.34	22.34
325	18.92	22.47	22.47
330	17.72	21.37	21.37
335	15.29	19.18	19.18
340	11.79	16.23	16.23
345	7.51	13.13	14.18
350	2.82	10.91	14.73
355	1.86	10.68	14.87

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission