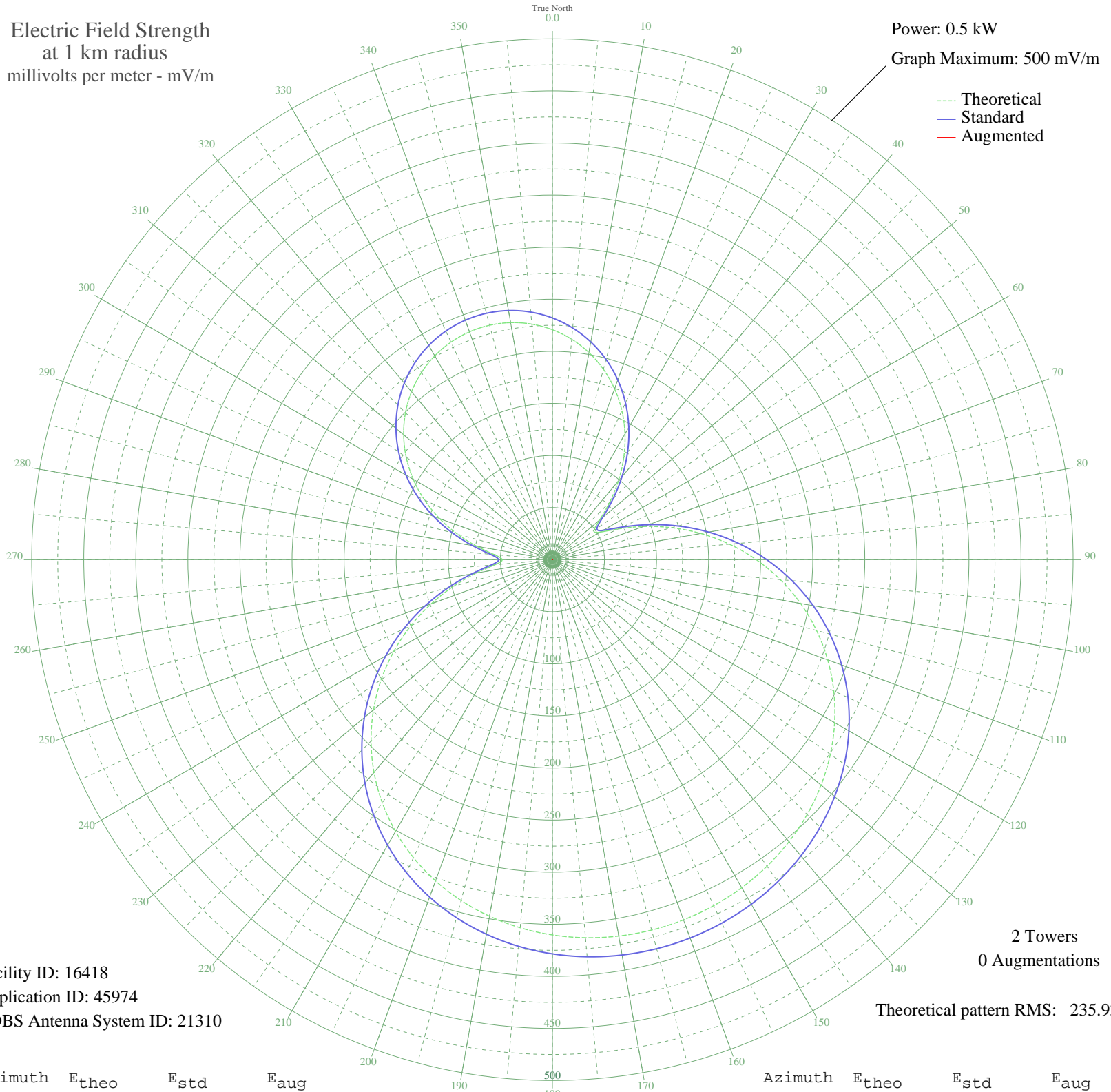


WLIS OLD SAYBROOK, CT BL-19820804AN 1420 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 16418
Application ID: 45974
CDBS Antenna System ID: 21310

2 Towers
0 Augmentations

Theoretical pattern RMS: 235.93

Azimuth	E _{theo}	E _{std}	E _{aug}
0	220.77	232.04	
5	212.40	223.27	
10	201.89	212.24	
15	189.25	198.99	
20	174.54	183.57	
25	157.86	166.08	
30	139.38	146.72	
35	119.40	125.81	
40	98.45	103.91	
45	77.58	82.13	
50	59.16	62.99	
55	48.61	52.11	
60	52.76	56.38	
65	69.76	74.00	
70	92.95	98.16	
75	118.51	124.87	
80	144.71	152.31	
85	170.66	179.50	
90	195.77	205.83	
95	219.64	230.87	
100	241.99	254.30	
105	262.59	275.92	
110	281.32	295.57	
115	298.10	313.18	
120	312.91	328.73	
125	325.78	342.23	
130	336.76	353.76	
135	345.94	363.39	
140	353.41	371.23	
145	359.26	377.37	
150	363.59	381.92	
155	366.48	384.95	
160	367.98	386.52	
165	368.11	386.66	
170	366.89	385.38	
175	364.29	382.64	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	360.25	378.41	
185	354.71	372.59	
190	347.57	365.10	
195	338.74	355.83	
200	328.13	344.69	
205	315.64	331.59	
210	301.22	316.46	
215	284.83	299.26	
220	266.49	280.01	
225	246.25	258.78	
230	224.24	235.69	
235	200.66	210.95	
240	175.77	184.85	
245	149.95	157.79	
250	123.73	130.34	
255	97.94	103.38	
260	74.07	78.48	
265	55.36	59.07	
270	48.14	51.63	
275	56.17	59.90	
280	73.58	77.97	
285	94.22	99.49	
290	115.26	121.48	
295	135.49	142.65	
300	154.30	162.35	
305	171.36	180.23	
310	186.47	196.08	
315	199.53	209.77	
320	210.47	221.24	
325	219.26	230.47	
330	225.91	237.44	
335	230.40	242.15	
340	232.75	244.62	
345	232.97	244.84	
350	231.04	242.82	
355	226.98	238.56	