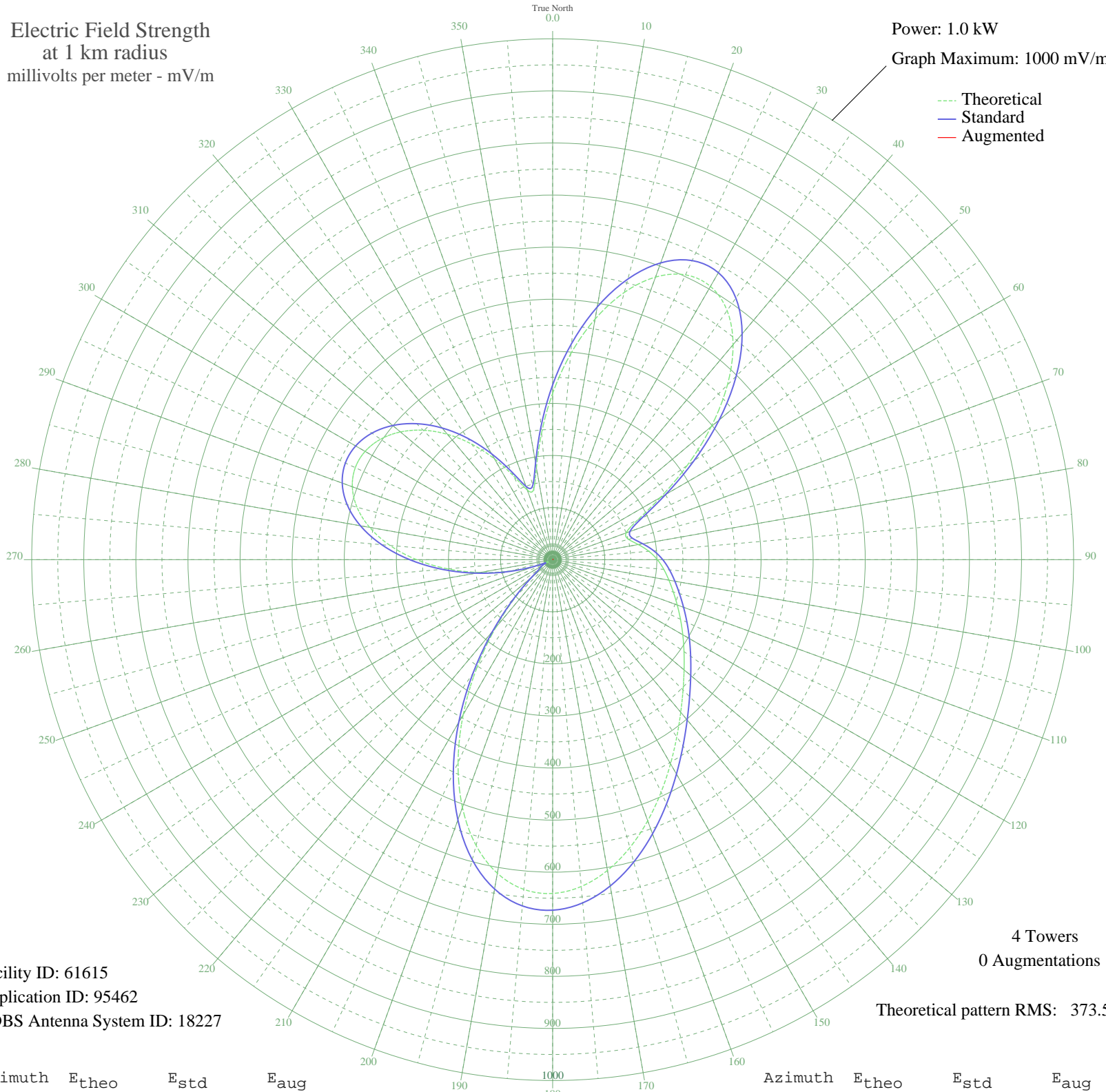


WDER DERRY, NH BL-19861203AA 1320 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 61615
Application ID: 95462
CDBS Antenna System ID: 18227

4 Towers
0 Augmentations

Theoretical pattern RMS: 373.53

Azimuth	E _{theo}	E _{std}	E _{aug}
0	319.41	335.55	
5	396.55	416.51	
10	469.05	492.61	
15	531.11	557.76	
20	577.38	606.34	
25	603.33	633.58	
30	605.84	636.22	
35	583.85	613.14	
40	538.73	565.76	
45	474.41	498.24	
50	397.18	417.17	
55	315.28	331.21	
60	238.73	250.89	
65	179.59	188.86	
70	149.98	157.82	
75	150.73	158.62	
80	166.95	175.61	
85	185.31	194.85	
90	201.01	211.33	
95	214.21	225.17	
100	226.62	238.19	
105	239.79	252.00	
110	254.46	267.39	
115	270.72	284.45	
120	288.45	303.05	
125	307.80	323.36	
130	329.34	345.97	
135	353.95	371.80	
140	382.49	401.75	
145	415.43	436.33	
150	452.51	475.25	
155	492.56	517.30	
160	533.50	560.27	
165	572.42	601.13	
170	605.83	636.21	
175	629.90	661.48	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	640.87	673.00	
185	635.47	667.33	
190	611.43	642.09	
195	567.98	596.48	
200	506.30	531.71	
205	429.63	451.24	
210	343.29	360.61	
215	254.16	267.07	
220	170.06	178.87	
225	99.02	104.50	
230	49.30	52.82	
235	28.26	31.48	
240	21.50	24.90	
245	8.90	14.05	
250	35.53	38.76	
255	84.11	88.93	
260	141.75	149.21	
265	202.51	212.89	
270	261.17	274.43	
275	313.55	329.39	
280	356.69	374.67	
285	388.83	408.40	
290	409.25	429.84	
295	418.02	439.05	
300	415.73	436.64	
305	403.23	423.52	
310	381.48	400.69	
315	351.44	369.17	
320	314.13	330.00	
325	270.79	284.52	
330	223.52	234.93	
335	176.90	186.04	
340	142.17	149.64	
345	140.11	147.49	
350	179.34	188.60	
355	244.08	256.50	

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