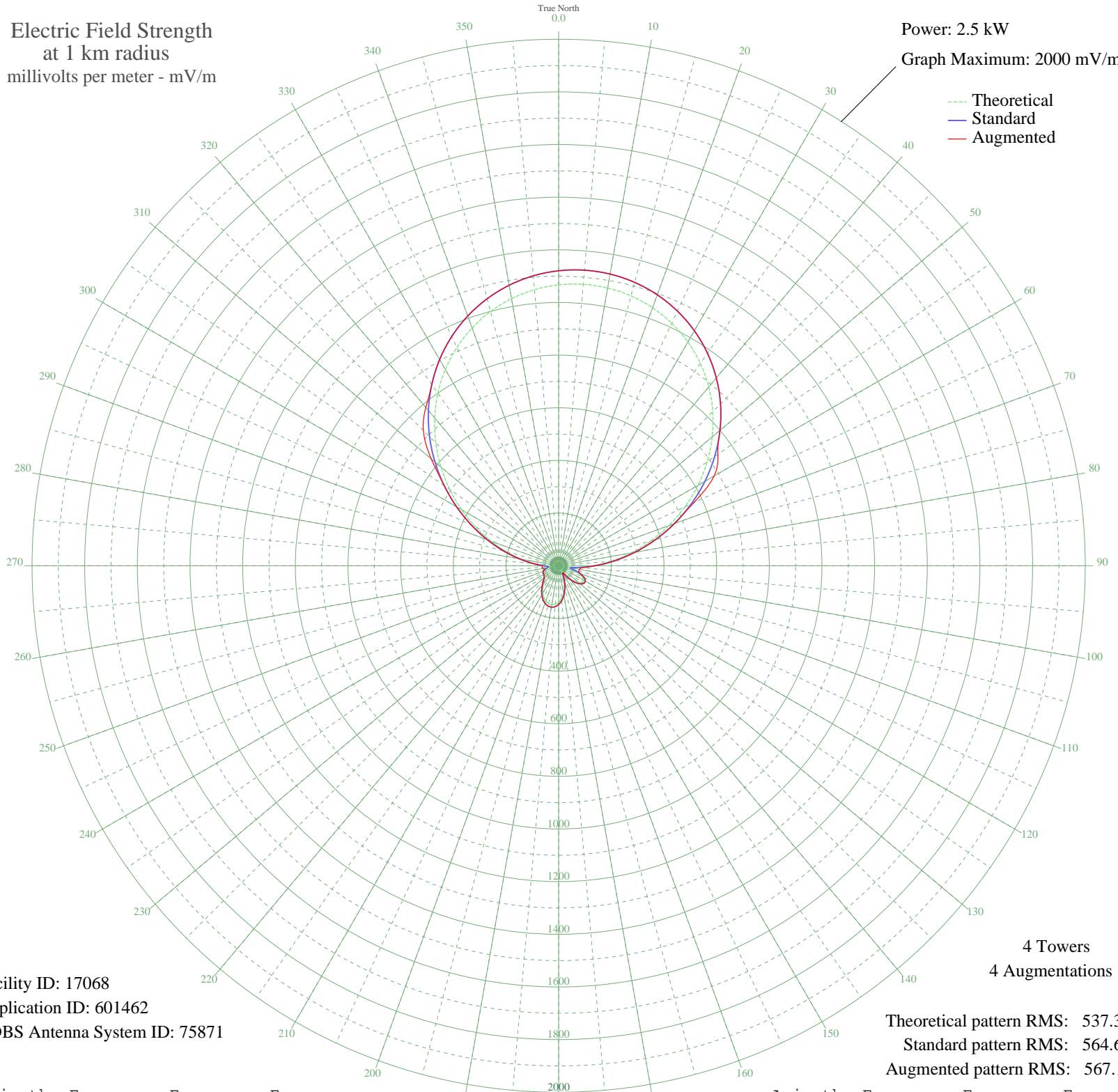


WXRL LANCASTER, NY BL-20020418ABT 1300 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 17068
Application ID: 601462
CDBS Antenna System ID: 75871

Theoretical pattern RMS: 537.33
Standard pattern RMS: 564.67
Augmented pattern RMS: 567.10

Azimuth	Etheo	Estd	Eaug
0	1066.88	1120.46	1120.46
5	1073.09	1126.98	1126.98
10	1071.18	1124.98	1124.98
15	1061.12	1114.41	1114.41
20	1042.83	1095.22	1095.22
25	1016.26	1067.32	1067.32
30	981.35	1030.68	1030.68
35	938.15	985.33	985.33
40	886.81	931.44	931.44
45	827.68	869.38	869.38
50	761.33	799.73	799.73
55	688.59	723.39	738.17
60	610.60	641.55	681.72
65	528.81	555.73	566.36
70	444.93	467.75	467.75
75	360.94	379.69	379.69
80	278.98	293.84	293.84
85	201.36	212.69	212.69
90	130.64	139.12	139.12
95	70.69	77.76	89.28
100	35.90	44.25	80.57
105	52.13	59.44	78.55
110	79.63	86.76	86.92
115	99.34	106.85	106.85
120	108.96	116.73	116.73
125	108.69	116.45	116.45
130	99.56	107.07	107.07
135	83.07	90.24	90.24
140	61.12	68.24	68.24
145	36.47	44.76	44.76
150	18.45	30.21	30.21
155	32.66	41.39	41.39
160	58.60	65.75	65.75
165	83.96	91.15	91.15
170	106.39	114.08	114.08
175	124.76	133.03	133.03

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	138.42	147.18	147.18
185	147.01	156.09	156.09
190	150.43	159.64	159.64
195	148.85	158.00	158.00
200	142.67	151.58	151.58
205	132.51	141.05	141.05
210	119.27	127.36	127.36
215	104.17	111.81	111.81
220	88.77	96.05	96.05
225	75.04	82.13	82.13
230	65.04	72.12	72.12
235	59.95	67.08	67.08
240	58.67	65.82	65.82
245	58.13	65.29	65.29
250	55.11	62.34	62.34
255	47.44	54.94	55.52
260	35.43	43.83	60.33
265	29.12	38.37	63.51
270	49.70	57.09	64.55
275	90.38	97.69	97.69
280	142.91	151.83	151.83
285	204.54	216.01	216.01
290	273.44	288.04	288.04
295	347.74	365.86	365.86
300	425.51	447.38	447.38
305	504.73	530.48	530.48
310	583.47	613.08	632.08
315	659.91	693.29	726.60
320	732.44	769.41	784.63
325	799.74	840.05	840.05
330	860.77	904.10	904.10
335	914.74	960.76	960.76
340	961.15	1009.47	1009.47
345	999.68	1049.92	1049.92
350	1030.18	1081.93	1081.93
355	1052.58	1105.45	1105.45