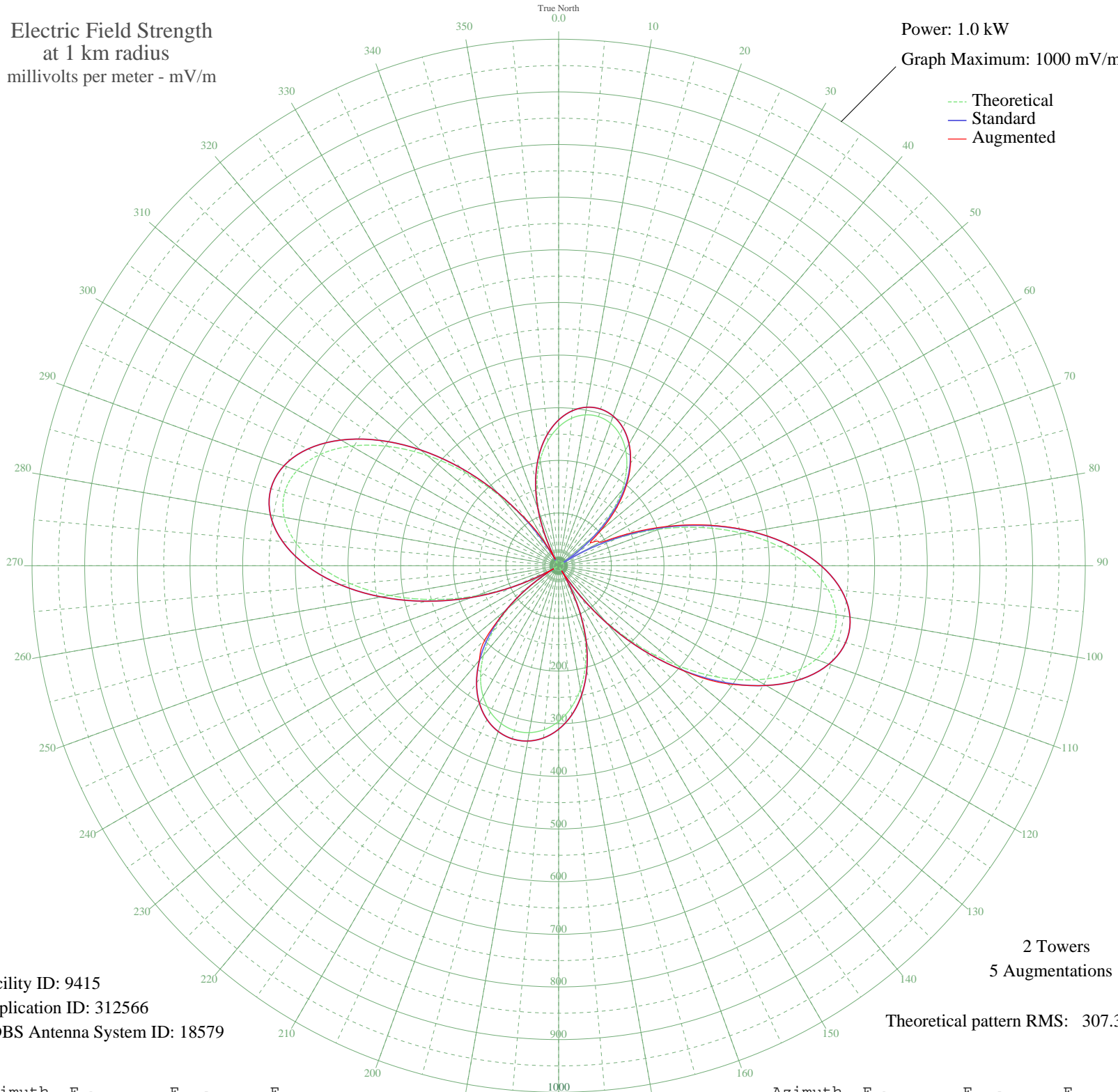


# KVOL LAFAYETTE, LA BL-- 1330 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 9415  
Application ID: 312566  
CDBS Antenna System ID: 18579

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 307.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	263.48	276.86	276.86
5	281.11	295.36	295.36
10	290.95	305.68	305.68
15	293.20	308.04	308.04
20	287.93	302.51	302.51
25	275.01	288.96	288.96
30	254.17	267.09	267.56
35	225.05	236.54	238.21
40	187.30	196.94	200.76
45	140.73	148.14	155.60
50	85.44	90.32	105.05
55	21.98	25.35	76.80
60	48.51	52.01	89.22
65	124.23	130.86	141.43
70	202.65	213.04	218.29
75	280.62	294.83	297.40
80	354.48	372.36	373.42
85	420.38	441.52	441.81
90	474.51	498.34	498.35
95	513.53	539.31	539.31
100	534.92	561.76	561.76
105	537.18	564.14	564.14
110	520.10	546.21	546.21
115	484.72	509.06	509.06
120	433.22	455.01	455.01
125	368.74	387.32	390.96
130	294.96	309.88	311.07
135	215.81	226.84	226.84
140	135.10	142.25	142.25
145	56.23	59.97	59.97
150	18.02	21.64	21.64
155	85.59	90.48	90.48
160	145.11	152.73	152.73
165	195.89	205.96	205.96
170	237.75	249.85	249.85
175	270.85	284.59	284.59

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	295.61	310.57	310.57
185	312.48	328.27	328.27
190	321.86	338.11	338.11
195	324.01	340.37	340.37
200	318.98	335.10	335.10
205	306.65	322.15	322.15
210	286.68	301.20	301.20
215	258.64	271.77	271.77
220	222.07	233.41	234.37
225	176.65	185.78	196.84
230	122.33	128.87	128.87
235	59.47	63.32	63.32
240	10.98	15.59	15.59
245	87.37	92.33	92.33
250	167.34	176.02	176.02
255	247.86	260.47	260.47
260	325.33	341.76	341.76
265	395.86	415.79	415.79
270	455.57	478.47	478.47
275	500.95	526.10	526.10
280	529.22	555.78	555.78
285	538.61	565.64	565.64
290	528.60	555.13	555.13
295	499.92	525.02	525.02
300	454.49	477.33	477.33
305	395.22	415.12	415.12
310	325.67	342.12	342.12
315	249.71	262.40	262.40
320	171.14	180.01	180.01
325	93.46	98.69	105.64
330	19.57	23.08	35.80
335	48.29	51.78	51.78
340	108.58	114.49	114.49
345	160.42	168.77	168.77
350	203.45	213.88	213.88
355	237.72	249.82	249.82