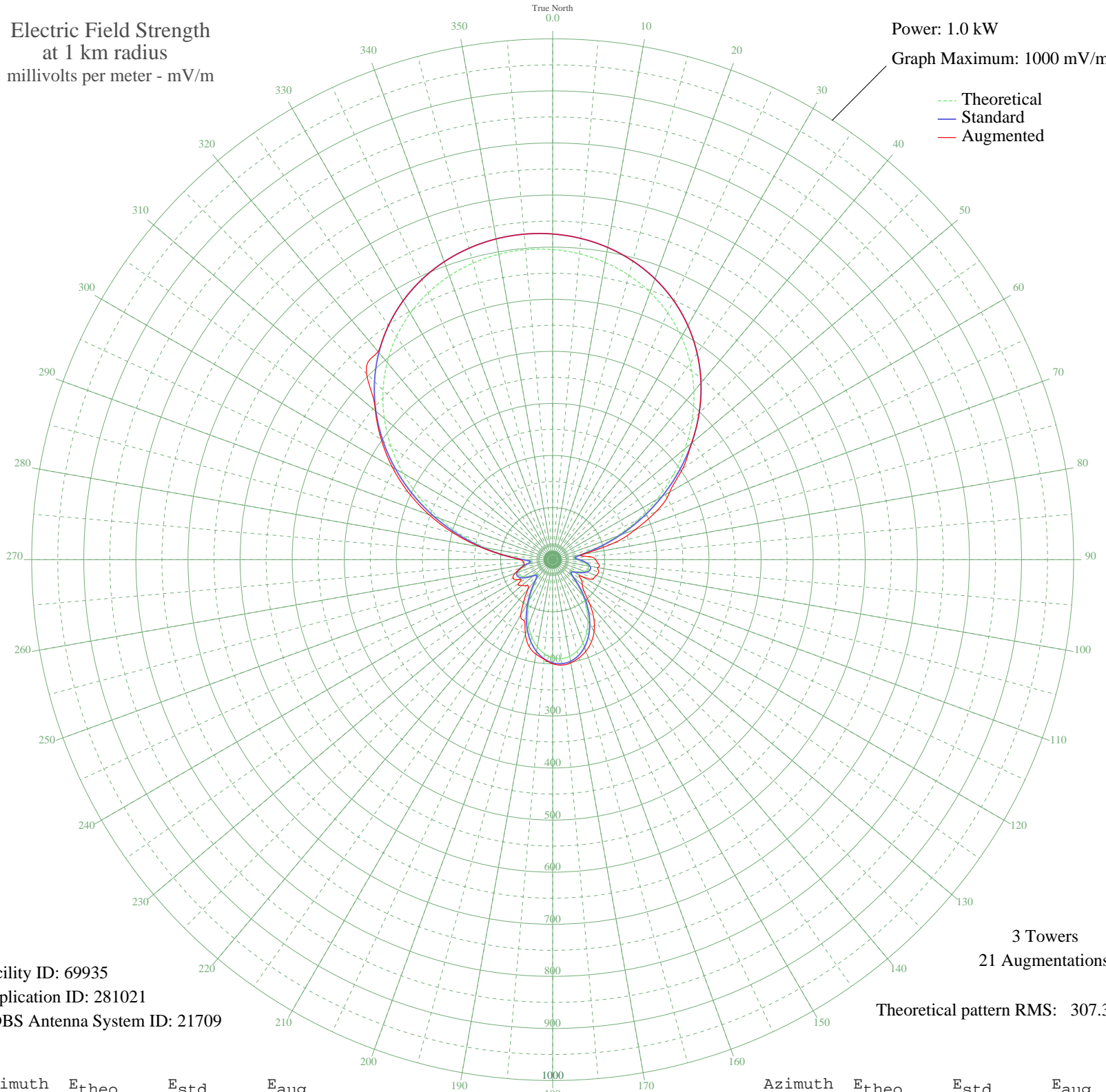


# WITY DANVILLE, IL BL-19990129DC 980 kHz

Unlimited Time

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 69935  
Application ID: 281021  
CDBS Antenna System ID: 21709

3 Towers  
21 Augmentations

Theoretical pattern RMS: 307.38

Azimuth	Etheo	Estd	Eaug
0	595.42	625.29	625.29
5	589.55	619.14	619.14
10	579.61	608.70	608.70
15	565.35	593.73	593.73
20	546.53	573.97	573.97
25	522.86	549.13	549.13
30	494.18	519.02	519.02
35	460.43	483.59	483.59
40	421.75	442.99	442.99
45	378.56	397.65	397.65
50	331.56	348.32	348.32
55	281.79	296.10	304.75
60	230.60	242.40	259.21
65	179.70	189.03	219.73
70	131.10	138.13	168.54
75	87.48	92.56	118.74
80	53.46	57.28	57.30
85	39.21	42.72	68.52
90	47.38	51.05	82.52
95	60.32	64.36	87.81
100	68.63	72.97	87.92
105	70.24	74.63	91.73
110	65.36	69.57	89.33
115	55.56	59.45	86.60
120	44.36	47.97	64.06
125	39.25	42.76	67.20
130	47.93	51.61	74.22
135	67.04	71.32	84.85
140	90.06	95.25	110.66
145	113.43	119.65	137.66
150	135.27	142.49	159.05
155	154.37	162.50	175.14
160	169.94	178.80	186.84
165	181.40	190.82	195.22
170	188.42	198.17	201.17
175	190.78	200.64	203.22

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	188.42	198.17	199.81
185	181.40	190.82	191.88
190	169.94	178.80	184.24
195	154.37	162.50	173.28
200	135.27	142.49	152.74
205	113.43	119.65	129.41
210	90.06	95.25	122.33
215	67.04	71.32	95.40
220	47.93	51.61	73.79
225	39.25	42.76	69.82
230	44.36	47.97	76.96
235	55.56	59.45	79.91
240	65.36	69.57	76.90
245	70.24	74.63	83.96
250	68.63	72.97	76.93
255	60.32	64.36	64.36
260	47.38	51.05	55.57
265	39.21	42.72	56.27
270	53.46	57.28	62.11
275	87.48	92.56	92.74
280	131.10	138.13	142.05
285	179.70	189.03	197.14
290	230.60	242.40	252.61
295	281.79	296.10	305.78
300	331.56	348.32	355.50
305	378.56	397.65	401.57
310	421.75	442.99	444.22
315	460.43	483.59	505.36
320	494.18	519.02	521.20
325	522.86	549.13	549.13
330	546.53	573.97	573.97
335	565.35	593.73	593.73
340	579.61	608.70	608.70
345	589.55	619.14	619.14
350	595.42	625.29	625.29
355	597.36	627.33	627.33