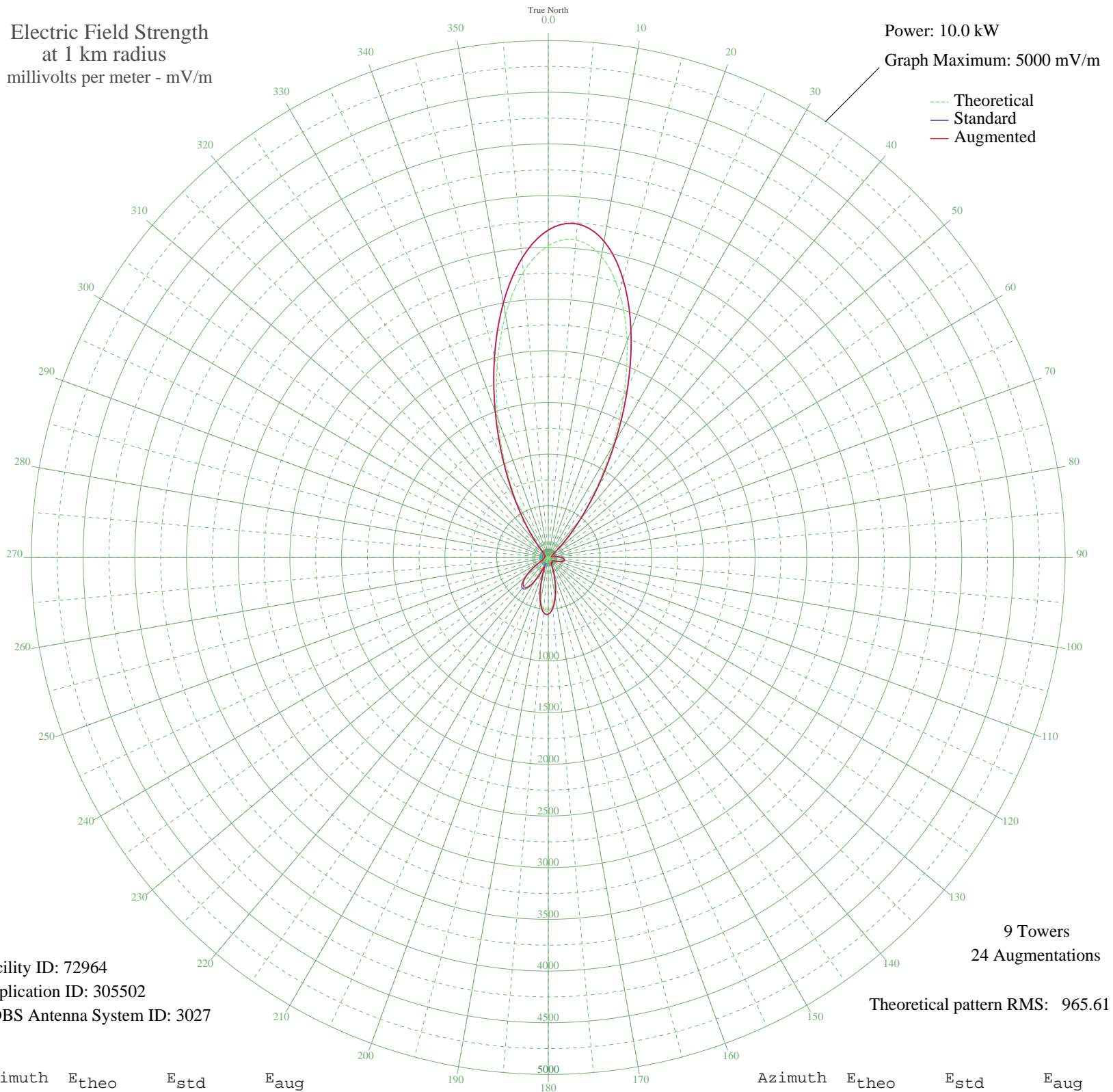


WKGE JOHNSTOWN, PA BL-- 850 kHz

Unlimited Time

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 72964
Application ID: 305502
CDBS Antenna System ID: 3027

9 Towers
24 Augmentations

Theoretical pattern RMS: 965.61

Azimuth	Etheo	Estd	Eaug
0	3016.21	3167.48	3167.48
5	3083.59	3238.22	3238.22
10	2957.88	3106.24	3106.24
15	2656.96	2790.33	2790.33
20	2226.45	2338.39	2338.39
25	1729.69	1816.97	1816.97
30	1233.98	1296.80	1296.80
35	796.73	838.29	838.29
40	455.21	480.98	480.98
45	222.36	239.58	239.58
50	88.88	107.67	107.39
55	30.19	62.36	53.42
60	15.55	56.13	41.05
65	16.58	56.46	35.63
70	13.11	55.44	35.97
75	4.43	53.91	29.97
80	35.84	65.58	49.51
85	74.10	94.54	89.86
90	109.27	126.68	131.43
95	132.21	148.85	156.55
100	137.28	153.83	161.09
105	123.76	140.61	145.80
110	95.84	114.06	117.78
115	61.38	83.89	89.05
120	29.70	62.10	67.45
125	8.79	54.49	54.34
130	2.66	53.78	47.66
135	9.49	54.62	51.78
140	21.14	58.11	59.75
145	24.73	59.65	62.84
150	6.13	54.09	55.80
155	45.38	71.80	72.00
160	132.31	148.94	148.94
165	245.98	263.80	263.80
170	366.57	388.63	388.63
175	466.98	493.26	493.26

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	519.66	548.28	548.28
185	504.82	532.77	532.77
190	416.99	441.12	441.12
195	267.92	286.40	286.40
200	84.25	103.49	125.97
205	99.33	117.31	127.74
210	249.30	267.22	260.40
215	341.93	363.02	349.18
220	368.58	390.72	368.58
225	336.19	357.06	343.22
230	263.43	281.77	281.16
235	174.09	190.52	190.52
240	90.19	108.87	108.70
245	26.88	60.67	58.29
250	9.82	54.69	50.83
255	22.22	58.55	49.58
260	18.25	57.02	39.84
265	7.71	54.31	34.78
270	1.02	53.72	33.79
275	3.28	53.81	33.90
280	1.16	53.72	33.54
285	8.85	54.50	33.83
290	14.61	55.85	35.15
295	14.31	55.77	33.55
300	7.77	54.32	25.40
305	1.16	53.72	43.86
310	8.17	54.39	50.81
315	49.30	74.59	74.52
320	148.78	165.19	165.19
325	329.41	350.03	350.03
330	605.95	638.51	638.51
335	978.46	1028.79	1028.79
340	1427.70	1500.04	1500.04
345	1914.18	2010.61	2010.61
350	2382.25	2501.94	2501.94
355	2768.94	2907.88	2907.88