

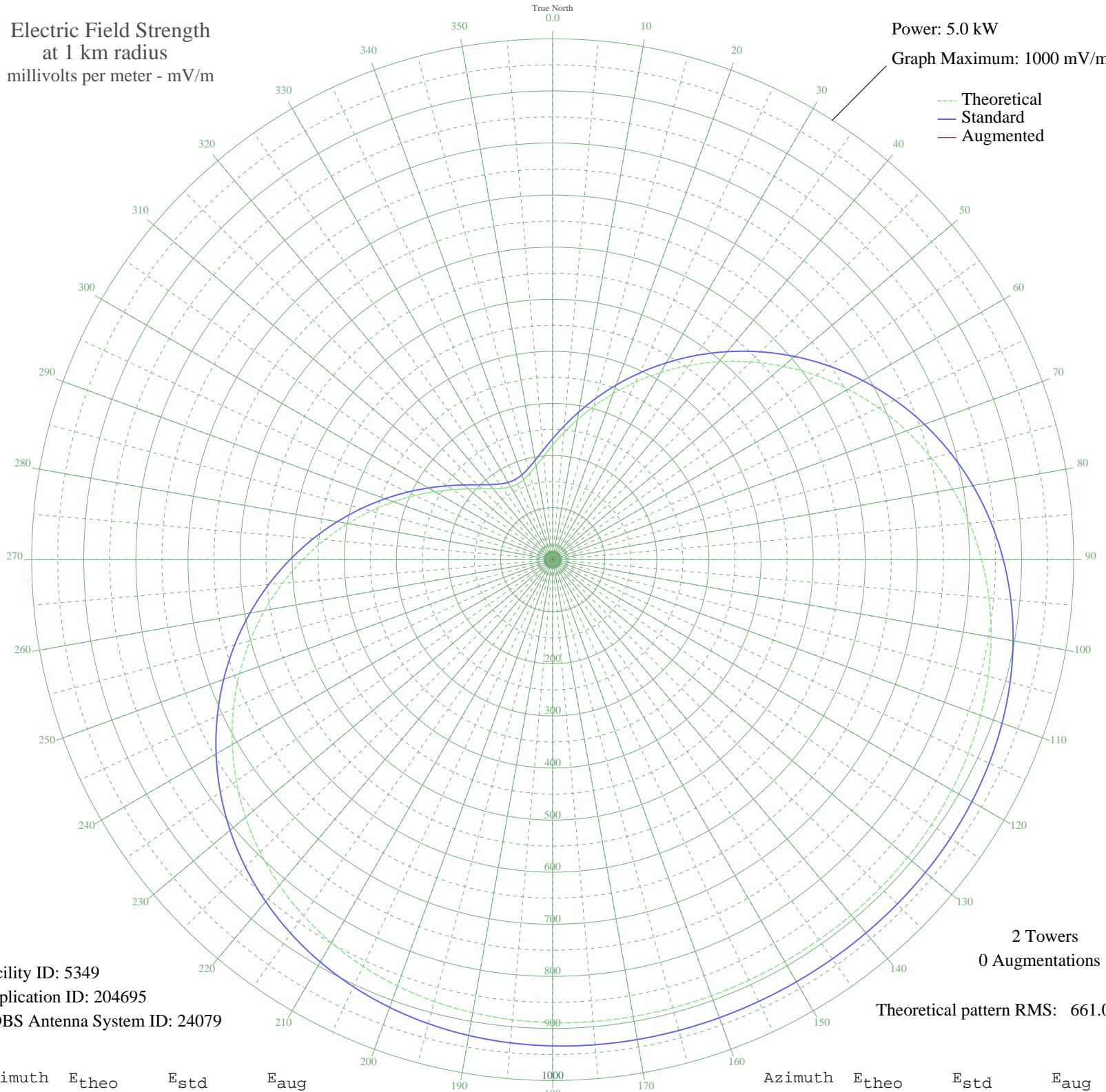
# WWCS CANONSBURG, PA BL-19941209AB 540 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 5349  
Application ID: 204695  
CDBS Antenna System ID: 24079

2 Towers  
0 Augmentations

Theoretical pattern RMS: 661.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	220.09	232.28	
5	244.67	257.98	
10	272.95	287.56	
15	304.57	320.66	
20	339.10	356.83	
25	376.06	395.56	
30	414.92	436.30	
35	455.11	478.44	
40	496.01	521.34	
45	537.00	564.34	
50	577.47	606.80	
55	616.82	648.09	
60	654.50	687.62	
65	690.01	724.89	
70	722.93	759.44	
75	752.92	790.92	
80	779.77	819.09	
85	803.32	843.82	
90	823.57	865.06	
95	840.56	882.90	
100	854.47	897.50	
105	865.52	909.10	
110	874.02	918.02	
115	880.29	924.60	
120	884.70	929.24	
125	887.62	932.30	
130	889.41	934.17	
135	890.39	935.20	
140	890.84	935.67	
145	891.00	935.84	
150	891.03	935.87	
155	891.03	935.87	
160	891.02	935.87	
165	890.95	935.80	
170	890.70	935.53	
175	890.07	934.87	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	888.81	933.55	
185	886.61	931.24	
190	883.14	927.59	
195	878.02	922.22	
200	870.91	914.75	
205	861.43	904.80	
210	849.26	892.04	
215	834.14	876.17	
220	815.87	856.98	
225	794.30	834.35	
230	769.42	808.23	
235	741.29	778.71	
240	710.09	745.97	
245	676.09	710.29	
250	639.66	672.05	
255	601.25	631.75	
260	561.38	589.92	
265	520.63	547.17	
270	479.60	504.13	
275	438.92	461.46	
280	399.19	419.81	
285	361.02	379.80	
290	324.97	342.02	
295	291.55	307.02	
300	261.22	275.28	
305	234.38	247.21	
310	211.36	223.16	
315	192.41	203.39	
320	177.73	188.08	
325	167.43	177.36	
330	161.59	171.29	
335	160.24	169.89	
340	163.39	173.16	
345	171.02	181.10	
350	183.08	193.66	
355	199.48	210.77	

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