

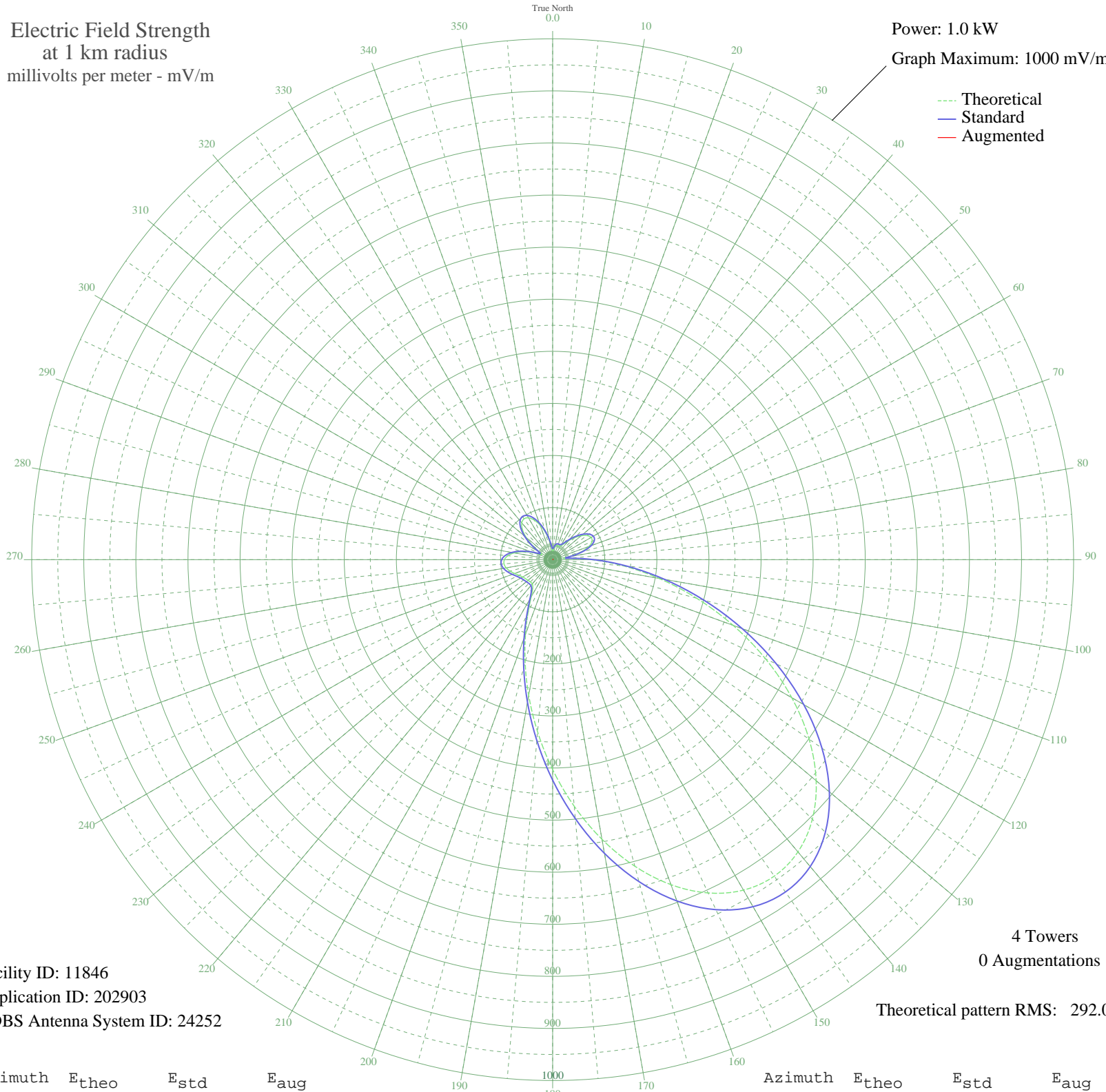
WTNT BETHESDA, MD BL-19940930AC 570 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 11846  
Application ID: 202903  
CDBS Antenna System ID: 24252

4 Towers  
0 Augmentations

Theoretical pattern RMS: 292.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	16.59	20.92	
5	19.75	23.75	
10	25.03	28.72	
15	28.08	31.67	
20	28.58	32.17	
25	28.23	31.82	
30	30.16	33.72	
35	36.76	40.30	
40	47.38	51.08	
45	59.72	63.77	
50	71.48	75.94	
55	80.59	85.41	
60	85.18	90.18	
65	83.49	88.42	
70	73.97	78.53	
75	55.59	59.51	
80	29.70	33.26	
85	27.82	31.42	
90	74.45	79.03	
95	136.16	143.44	
100	207.69	218.38	
105	286.24	300.78	
110	368.64	387.25	
115	451.23	473.93	
120	530.00	556.62	
125	600.94	631.09	
130	660.30	693.41	
135	704.91	740.25	
140	732.48	769.19	
145	741.75	778.93	
150	732.61	769.33	
155	706.03	741.43	
160	664.01	697.30	
165	609.29	639.86	
170	545.18	572.55	
175	475.22	499.11	

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	402.97	423.28	
185	331.79	348.57	
190	264.65	278.12	
195	204.12	214.64	
200	152.37	160.40	
205	111.27	117.41	
210	82.46	87.36	
215	66.49	70.77	
220	60.85	64.93	
225	60.51	64.58	
230	61.76	65.87	
235	63.57	67.74	
240	66.51	70.79	
245	71.28	75.73	
250	77.73	82.43	
255	84.72	89.71	
260	90.60	95.83	
265	93.67	99.03	
270	92.55	97.87	
275	86.38	91.43	
280	74.91	79.50	
285	58.71	62.73	
290	39.65	43.21	
295	23.80	27.54	
300	28.00	31.60	
305	46.95	50.63	
310	66.44	70.72	
315	82.13	87.01	
320	92.15	97.45	
325	95.68	101.13	
330	92.70	98.03	
335	83.91	88.86	
340	70.58	75.01	
345	54.48	58.37	
350	37.77	41.32	
355	23.39	27.15	