

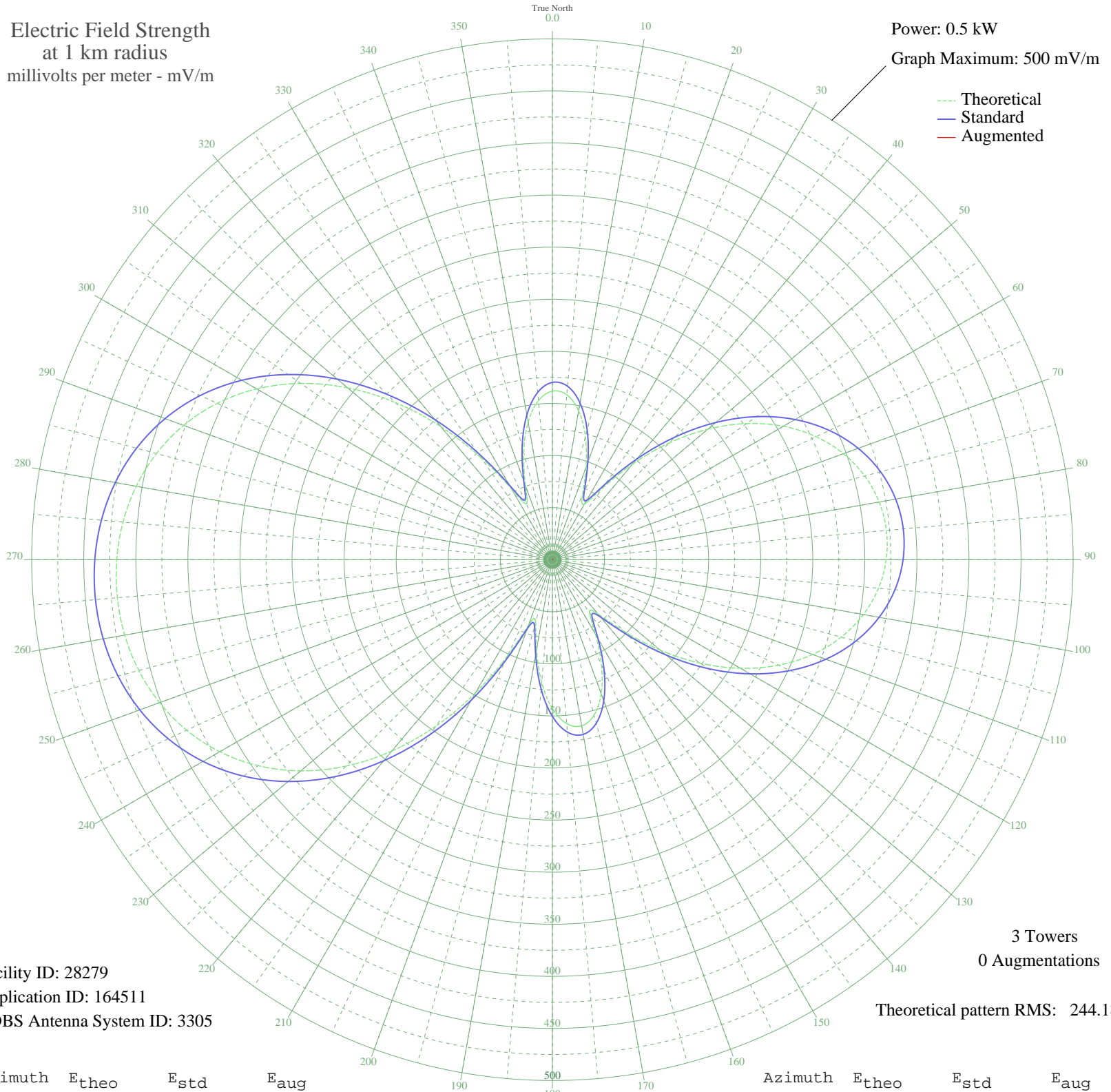
WILC LAUREL, MD BL-19910909AB 900 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 28279  
Application ID: 164511  
CDBS Antenna System ID: 3305

3 Towers  
0 Augmentations

Theoretical pattern RMS: 244.18

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	161.76	170.18	
5	158.85	167.12	
10	145.13	152.75	
15	122.42	128.97	
20	94.26	99.53	
25	68.31	72.49	
30	61.67	65.59	
35	83.92	88.74	
40	119.79	126.22	
45	158.20	166.44	
50	194.84	204.85	
55	227.78	239.39	
60	256.07	269.08	
65	279.32	293.48	
70	297.44	312.48	
75	310.49	326.18	
80	318.62	334.71	
85	321.94	338.20	
90	320.52	336.71	
95	314.32	330.21	
100	303.26	318.59	
105	287.18	301.72	
110	265.99	279.48	
115	239.68	251.88	
120	208.53	219.21	
125	173.21	182.17	
130	135.18	142.32	
135	97.49	102.90	
140	67.76	71.92	
145	62.12	66.06	
150	82.92	87.69	
155	111.52	117.57	
160	136.97	144.21	
165	154.59	162.65	
170	161.96	170.38	
175	158.03	166.27	

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	142.94	150.46	
185	118.21	124.57	
190	87.72	92.70	
195	62.23	66.18	
200	66.35	70.45	
205	101.81	107.41	
210	147.83	155.57	
215	195.07	205.09	
220	239.83	252.04	
225	280.24	294.44	
230	315.37	331.30	
235	344.85	362.25	
240	368.77	387.35	
245	387.47	406.98	
250	401.41	421.61	
255	411.10	431.78	
260	416.98	437.95	
265	419.35	440.44	
270	418.34	439.38	
275	413.89	434.71	
280	405.77	426.19	
285	393.58	413.40	
290	376.85	395.83	
295	355.07	372.98	
300	327.84	344.39	
305	294.96	309.89	
310	256.59	269.62	
315	213.40	224.32	
320	166.85	175.50	
325	119.68	126.11	
330	78.15	82.73	
335	59.00	62.83	
340	75.84	80.32	
345	106.36	112.17	
350	134.06	141.16	
355	153.29	161.29	

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