

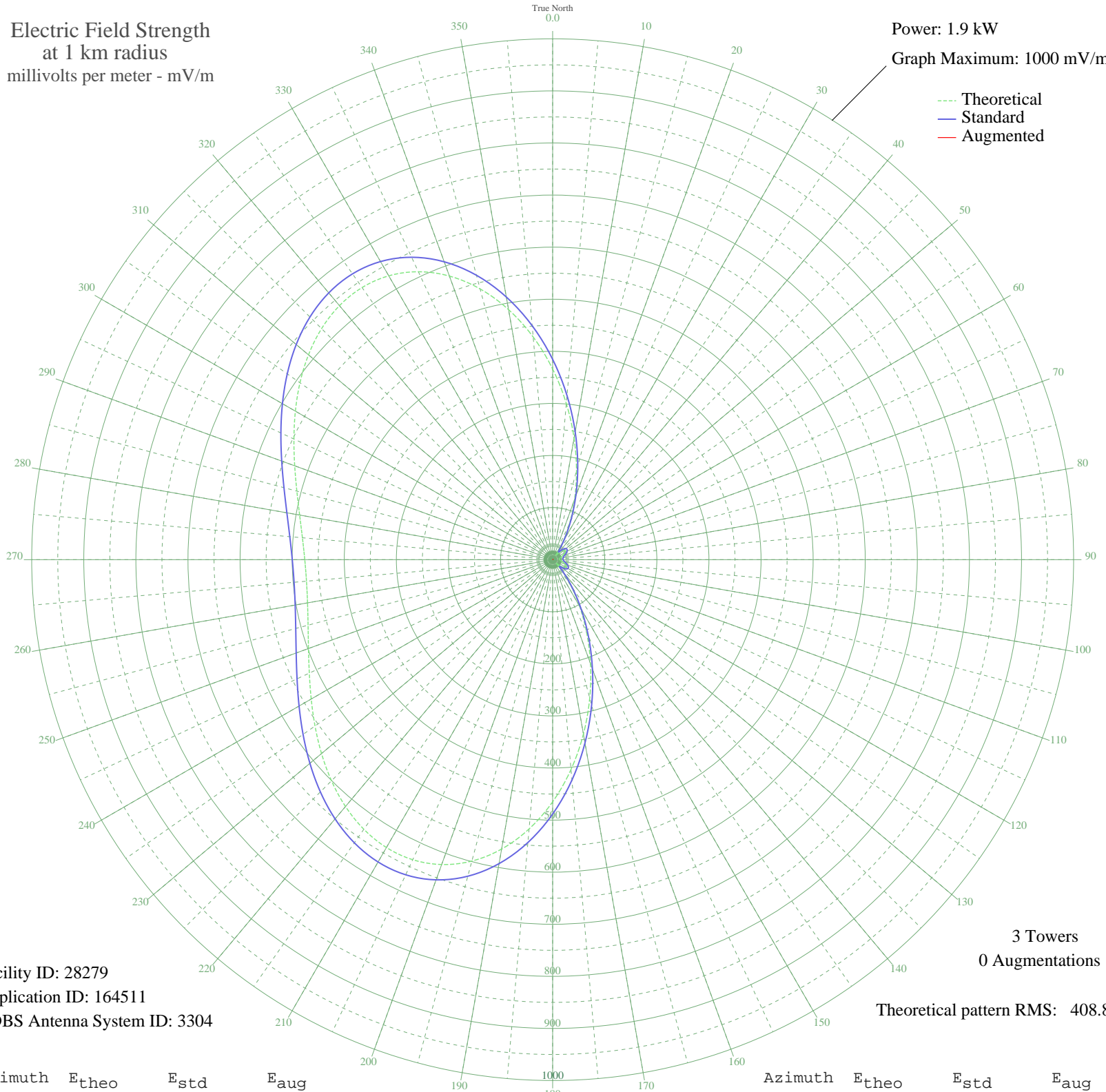
WILC LAUREL, MD BL-19910909AB 900 kHz

Daytime

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

Power: 1.9 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 28279
Application ID: 164511
CDBS Antenna System ID: 3304

3 Towers
0 Augmentations

Theoretical pattern RMS: 408.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	366.03	384.60	
5	300.90	316.28	
10	236.85	249.11	
15	176.67	186.07	
20	122.74	129.69	
25	76.80	81.93	
30	40.06	44.48	
35	14.45	20.97	
40	13.49	20.25	
45	23.38	28.50	
50	28.62	33.35	
55	29.41	34.10	
60	27.12	31.94	
65	23.20	28.34	
70	19.01	24.65	
75	15.59	21.85	
80	13.51	20.27	
85	12.74	19.71	
90	13.06	19.94	
95	14.59	21.07	
100	17.50	23.39	
105	21.49	26.81	
110	25.67	30.59	
115	28.78	33.50	
120	29.40	34.09	
125	26.08	30.97	
130	17.82	23.66	
135	10.05	17.91	
140	28.22	32.98	
145	60.95	65.61	
150	103.33	109.46	
155	154.24	162.59	
160	212.17	223.24	
165	274.99	289.10	
170	340.04	357.34	
175	404.36	424.83	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	464.93	488.39	
185	518.97	545.11	
190	564.21	592.60	
195	599.10	629.22	
200	622.88	654.18	
205	635.63	667.57	
210	638.17	670.24	
215	631.90	663.66	
220	618.64	649.73	
225	600.38	630.56	
230	579.15	608.28	
235	556.84	584.86	
240	535.13	562.07	
245	515.41	541.37	
250	498.78	523.91	
255	486.05	510.56	
260	477.79	501.89	
265	474.33	498.26	
270	475.82	499.82	
275	482.19	506.50	
280	493.18	518.04	
285	508.33	533.95	
290	526.93	553.47	
295	548.00	575.58	
300	570.25	598.94	
305	592.13	621.91	
310	611.82	642.57	
315	627.33	658.85	
320	636.63	668.61	
325	637.81	669.85	
330	629.27	660.90	
335	609.96	640.62	
340	579.47	608.61	
345	538.22	565.32	
350	487.47	512.05	
355	429.20	450.90	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission