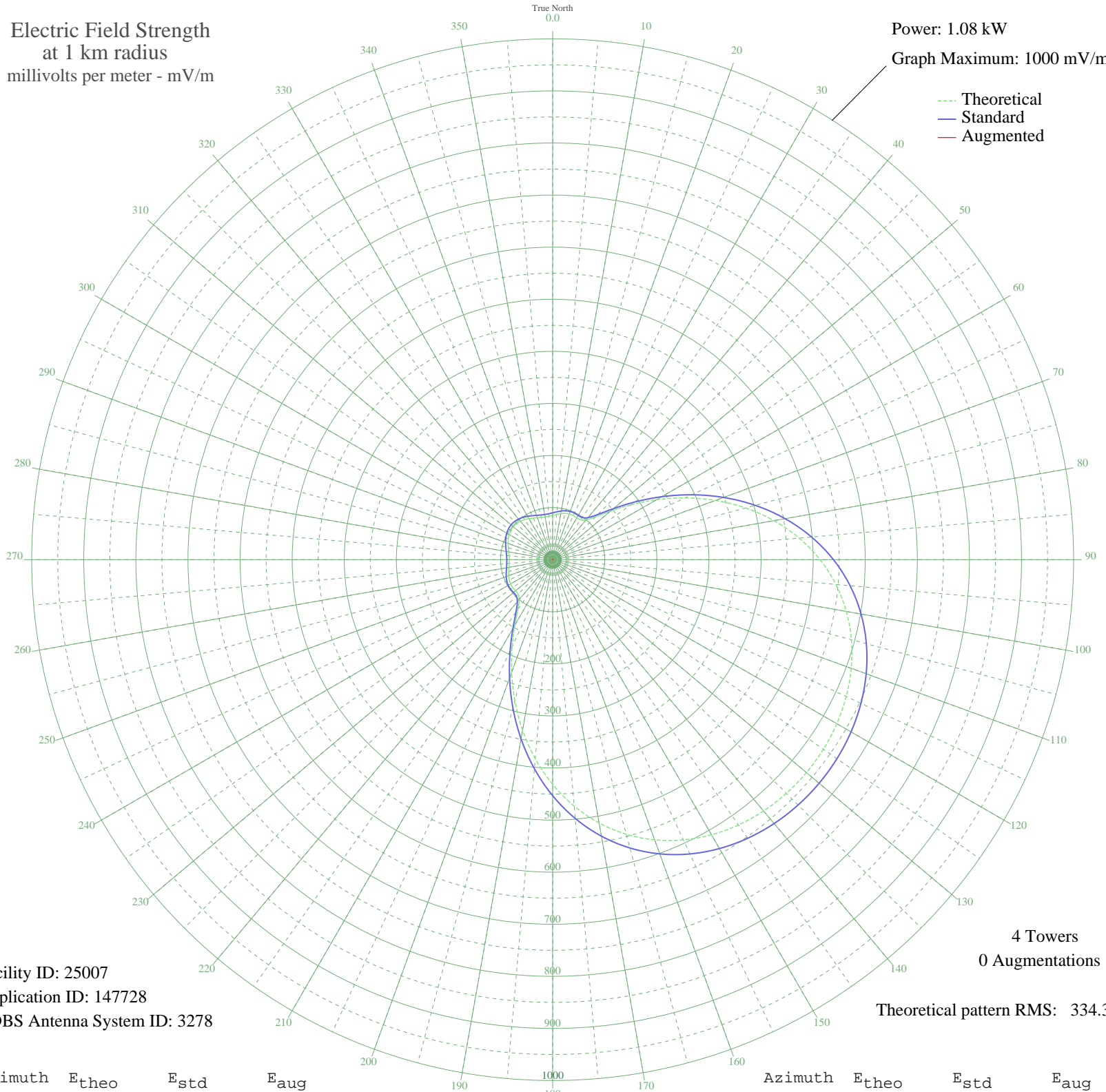


WJWL GEORGETOWN, DE BL-19900426AE 900 kHz

Nighttime

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

Power: 1.08 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 25007
Application ID: 147728
CDBS Antenna System ID: 3278

4 Towers
0 Augmentations

Theoretical pattern RMS: 334.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	85.01	89.92	
5	87.18	92.19	
10	89.71	94.82	
15	91.98	97.20	
20	93.35	98.63	
25	93.45	98.72	
30	92.77	98.01	
35	93.50	98.78	
40	99.87	105.43	
45	116.43	122.74	
50	144.91	152.55	
55	183.76	193.25	
60	230.00	241.74	
65	280.52	294.75	
70	332.50	349.29	
75	383.47	402.79	
80	431.46	453.16	
85	475.02	498.89	
90	513.24	539.01	
95	545.70	573.09	
100	572.39	601.11	
105	593.62	623.40	
110	609.88	640.47	
115	621.74	652.92	
120	629.76	661.34	
125	634.38	666.18	
130	635.88	667.76	
135	634.38	666.18	
140	629.76	661.34	
145	621.74	652.92	
150	609.88	640.47	
155	593.62	623.40	
160	572.39	601.11	
165	545.70	573.09	
170	513.24	539.01	
175	475.02	498.89	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	431.46	453.16	
185	383.47	402.79	
190	332.50	349.29	
195	280.52	294.75	
200	230.00	241.74	
205	183.76	193.25	
210	144.91	152.55	
215	116.43	122.74	
220	99.87	105.43	
225	93.50	98.78	
230	92.77	98.01	
235	93.45	98.72	
240	93.35	98.63	
245	91.98	97.20	
250	89.71	94.82	
255	87.18	92.19	
260	85.01	89.92	
265	83.61	88.46	
270	83.21	88.05	
275	83.90	88.77	
280	85.60	90.53	
285	88.08	93.12	
290	90.99	96.16	
295	93.89	99.19	
300	96.35	101.75	
305	97.98	103.46	
310	98.56	104.06	
315	97.98	103.46	
320	96.35	101.75	
325	93.89	99.19	
330	90.99	96.16	
335	88.08	93.12	
340	85.60	90.53	
345	83.90	88.77	
350	83.21	88.05	
355	83.61	88.46	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission