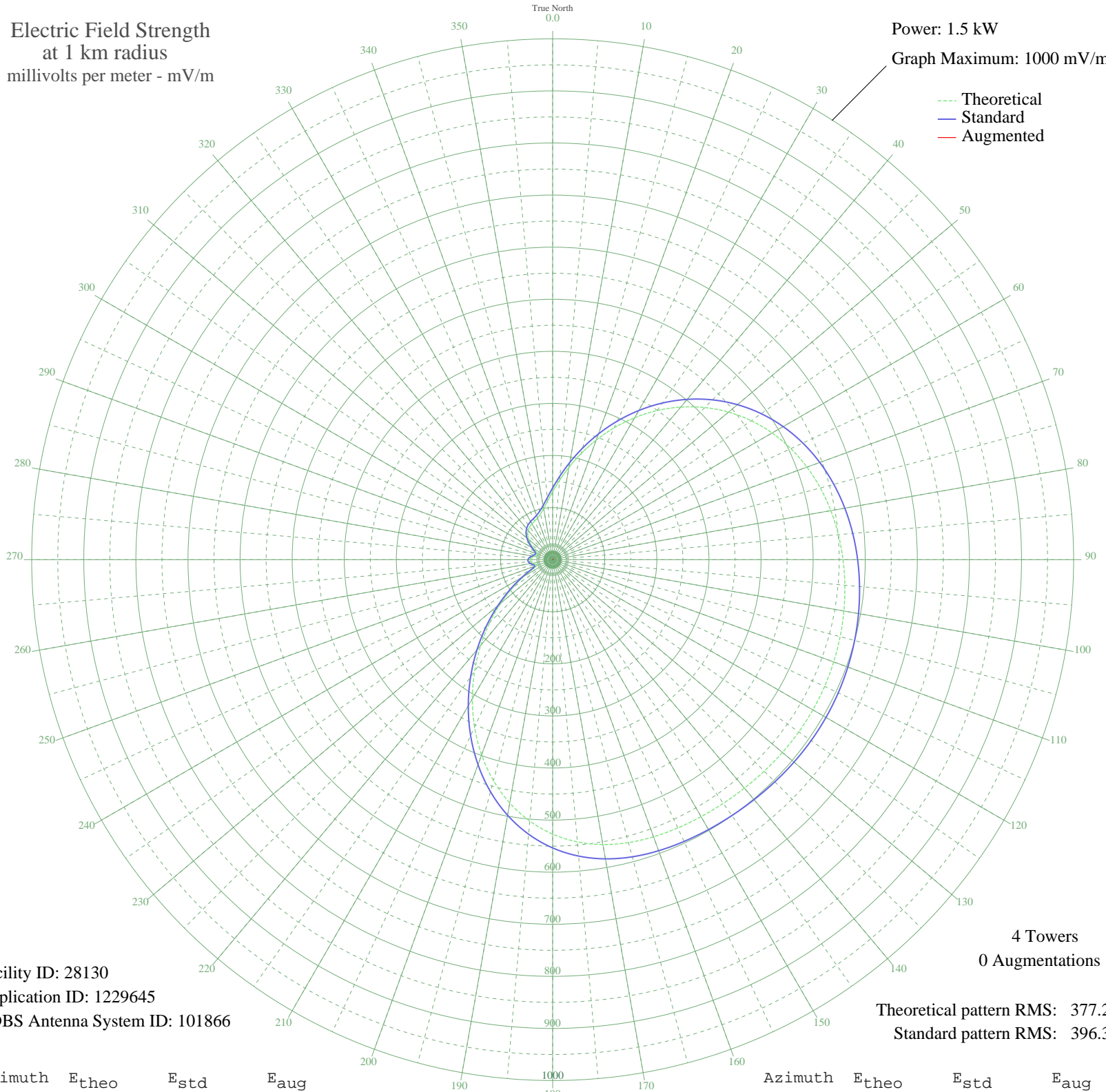


WNJE FLEMINGTON, NJ BL-20080111AGM 1040 kHz

Nighttime

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

Power: 1.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 28130
Application ID: 1229645
CDBS Antenna System ID: 101866

4 Towers
0 Augmentations

Theoretical pattern RMS: 377.20
Standard pattern RMS: 396.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	130.51	137.70	
5	153.05	161.27	
10	180.03	189.51	
15	210.73	221.67	
20	244.16	256.73	
25	279.19	293.46	
30	314.62	330.63	
35	349.34	367.06	
40	382.39	401.74	
45	413.03	433.89	
50	440.74	462.97	
55	465.23	488.68	
60	486.43	510.93	
65	504.45	529.85	
70	519.53	545.67	
75	531.98	558.75	
80	542.20	569.47	
85	550.55	578.24	
90	557.40	585.43	
95	563.03	591.33	
100	567.63	596.17	
105	571.32	600.04	
110	574.11	602.96	
115	575.95	604.90	
120	576.81	605.80	
125	576.71	605.70	
130	575.79	604.73	
135	574.32	603.19	
140	572.65	601.43	
145	571.08	599.78	
150	569.72	598.36	
155	568.34	596.91	
160	566.25	594.72	
165	562.36	590.64	
170	555.36	583.29	
175	543.92	571.27	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	526.95	553.46	
185	503.81	529.17	
190	474.36	498.26	
195	439.03	461.18	
200	398.71	418.87	
205	354.65	372.62	
210	308.29	323.98	
215	261.18	274.57	
220	214.83	225.97	
225	170.64	179.68	
230	129.89	137.06	
235	93.82	99.43	
240	63.82	68.36	
245	42.16	46.29	
250	32.42	36.64	
255	34.03	38.20	
260	39.21	43.34	
265	42.79	46.93	
270	43.28	47.42	
275	40.78	44.91	
280	36.32	40.47	
285	31.90	36.13	
290	30.53	34.79	
295	34.27	38.44	
300	42.00	46.13	
305	51.23	55.47	
310	60.08	64.52	
315	67.48	72.14	
320	73.03	77.87	
325	76.84	81.81	
330	79.49	84.55	
335	81.90	87.05	
340	85.25	90.53	
345	90.80	96.29	
350	99.67	105.52	
355	112.74	119.15	

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