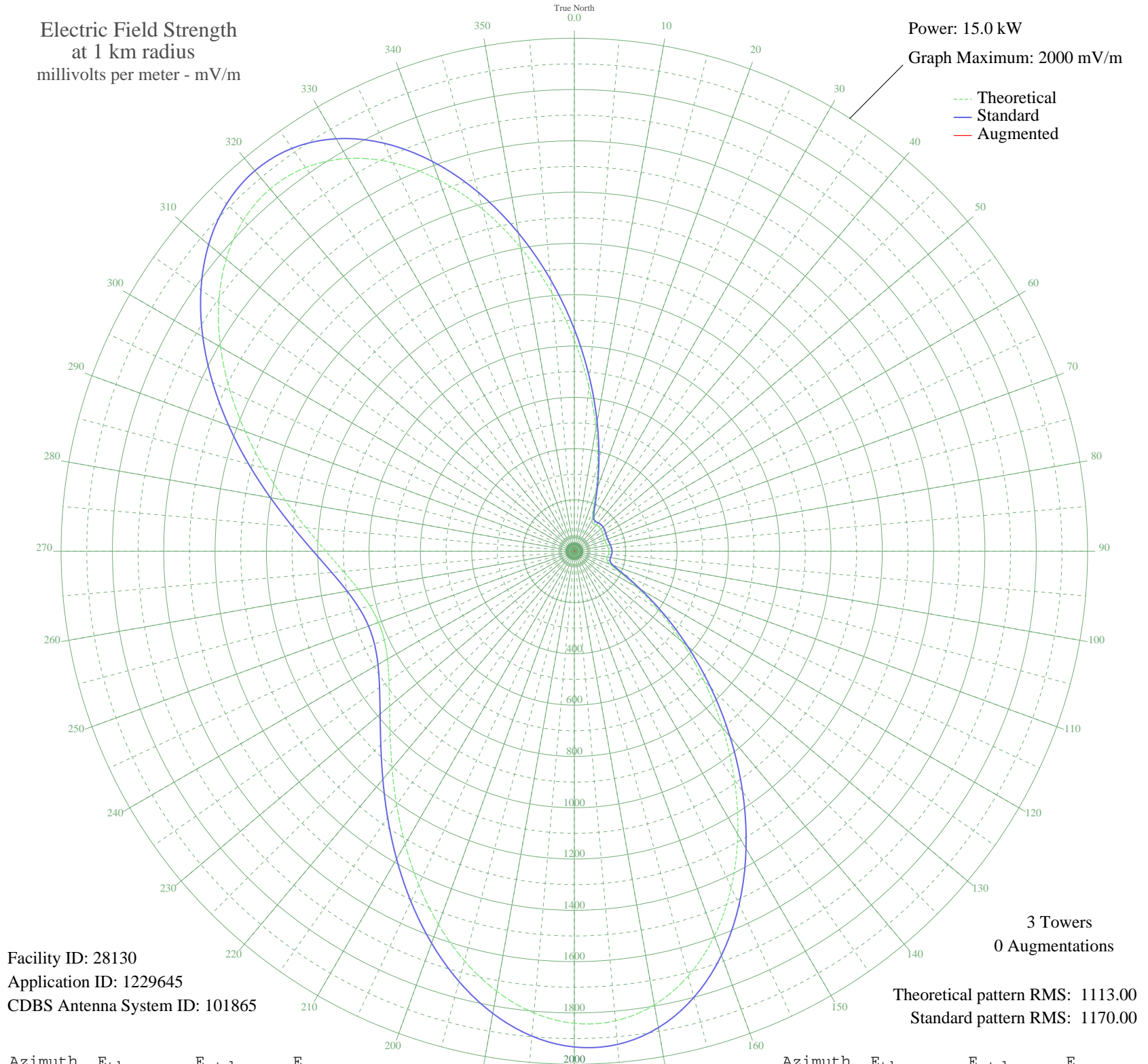


# WNJE FLEMINGTON, NJ BL-20080111AGM 1040 kHz

Daytime

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

Power: 15.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 28130  
Application ID: 1229645  
CDBS Antenna System ID: 101865

Theoretical pattern RMS: 1113.00  
Standard pattern RMS: 1170.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	823.54	865.67	
5	645.40	678.89	
10	485.42	511.31	
15	350.11	369.86	
20	244.74	260.17	
25	173.74	186.90	
30	138.41	150.91	
35	129.79	142.22	
40	131.87	144.32	
45	134.34	146.80	
50	134.15	146.61	
55	131.79	144.23	
60	128.74	141.16	
65	126.46	138.87	
70	125.88	138.28	
75	127.21	139.62	
80	129.94	142.37	
85	132.90	145.35	
90	134.55	147.02	
95	133.62	146.07	
100	130.62	143.05	
105	131.08	143.51	
110	148.54	161.18	
115	197.79	211.62	
120	282.99	299.91	
125	400.92	422.92	
130	546.78	575.56	
135	714.90	751.74	
140	898.11	943.89	
145	1087.73	1142.84	
150	1273.94	1338.26	
155	1446.58	1519.45	
160	1596.06	1676.36	
165	1714.39	1800.57	
170	1795.90	1886.14	
175	1837.83	1930.15	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1840.43	1932.87	
185	1806.74	1897.52	
190	1742.12	1829.68	
195	1653.45	1736.59	
200	1548.35	1626.28	
205	1434.46	1506.74	
210	1318.81	1385.34	
215	1207.38	1268.40	
220	1104.95	1160.91	
225	1015.06	1066.59	
230	940.14	987.99	
235	881.71	926.68	
240	840.61	883.58	
245	817.28	859.11	
250	811.89	853.45	
255	824.47	866.65	
260	854.94	898.60	
265	903.04	949.06	
270	968.20	1017.42	
275	1049.34	1102.55	
280	1144.59	1202.50	
285	1251.11	1314.29	
290	1364.87	1433.69	
295	1480.61	1555.17	
300	1591.86	1671.95	
305	1691.32	1776.35	
310	1771.27	1860.28	
315	1824.27	1915.92	
320	1843.97	1936.60	
325	1825.86	1917.59	
330	1767.96	1856.80	
335	1671.22	1755.25	
340	1539.60	1617.09	
345	1379.79	1449.35	
350	1200.52	1261.20	
355	1011.72	1063.08	

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