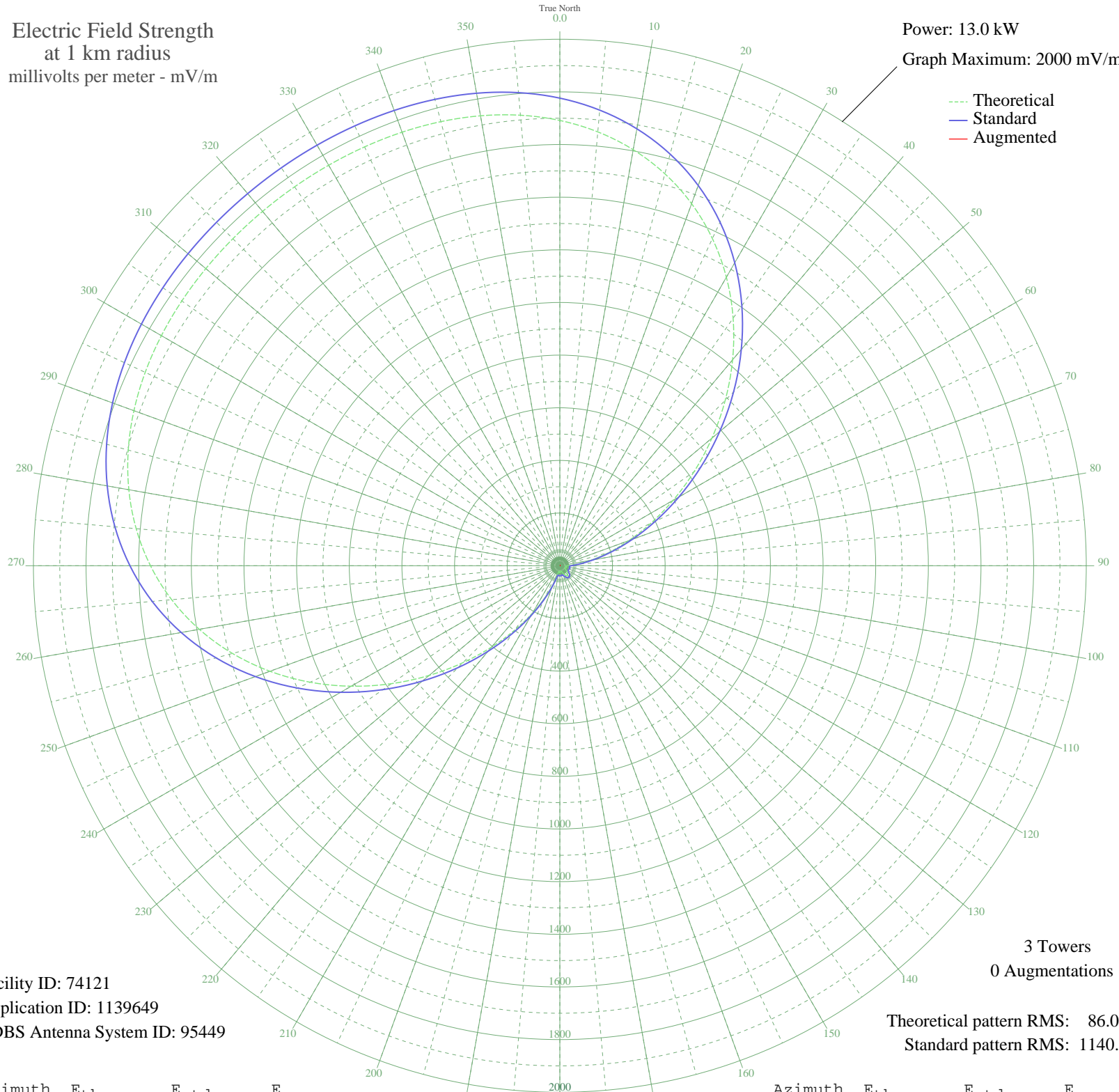


WTOR YOUNGSTOWN, NY BL-20060711ABS 770 kHz

Daytime

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

Power: 13.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 74121
Application ID: 1139649
CDBS Antenna System ID: 95449

3 Towers
0 Augmentations

Theoretical pattern RMS: 86.04
Standard pattern RMS: 1140.97

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1691.48	1776.28	
5	1654.38	1737.33	
10	1604.82	1685.29	
15	1541.47	1618.79	
20	1463.62	1537.06	
25	1371.29	1440.13	
30	1265.40	1328.97	
35	1147.74	1205.46	
40	1020.99	1072.41	
45	888.52	933.37	
50	754.23	792.44	
55	622.22	653.94	
60	496.54	522.12	
65	380.84	400.87	
70	278.13	293.39	
75	190.64	202.14	
80	119.71	128.81	
85	66.07	74.87	
90	31.14	43.15	
95	20.55	35.48	
100	25.01	38.50	
105	26.76	39.78	
110	24.14	37.88	
115	20.80	35.63	
120	22.00	36.42	
125	28.50	41.09	
130	36.41	47.48	
135	42.78	53.02	
140	46.09	55.99	
145	45.71	55.65	
150	41.72	52.08	
155	34.88	46.20	
160	26.96	39.93	
165	21.24	35.92	
170	21.26	35.93	
175	24.88	38.41	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	26.82	39.82	
185	24.09	37.85	
190	20.63	35.52	
195	36.43	47.50	
200	75.38	84.01	
205	132.53	141.98	
210	206.84	219.00	
215	297.51	313.66	
220	403.02	424.11	
225	520.99	547.76	
230	648.24	681.24	
235	781.03	820.57	
240	915.29	961.47	
245	1046.92	1099.62	
250	1172.10	1231.03	
255	1287.59	1352.26	
260	1390.89	1460.70	
265	1480.36	1554.63	
270	1555.29	1633.30	
275	1615.80	1696.82	
280	1662.75	1746.11	
285	1697.56	1782.66	
290	1722.04	1808.36	
295	1738.18	1825.30	
300	1747.99	1835.60	
305	1753.35	1841.23	
310	1755.87	1843.88	
315	1756.83	1844.89	
320	1757.09	1845.16	
325	1757.07	1845.13	
330	1756.71	1844.77	
335	1755.53	1843.52	
340	1752.55	1840.39	
345	1746.44	1833.98	
350	1735.52	1822.51	
355	1717.87	1803.99	

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.

22 Nov 2018

Prepared by Audio Division, Media Bureau
Federal Communications Commission