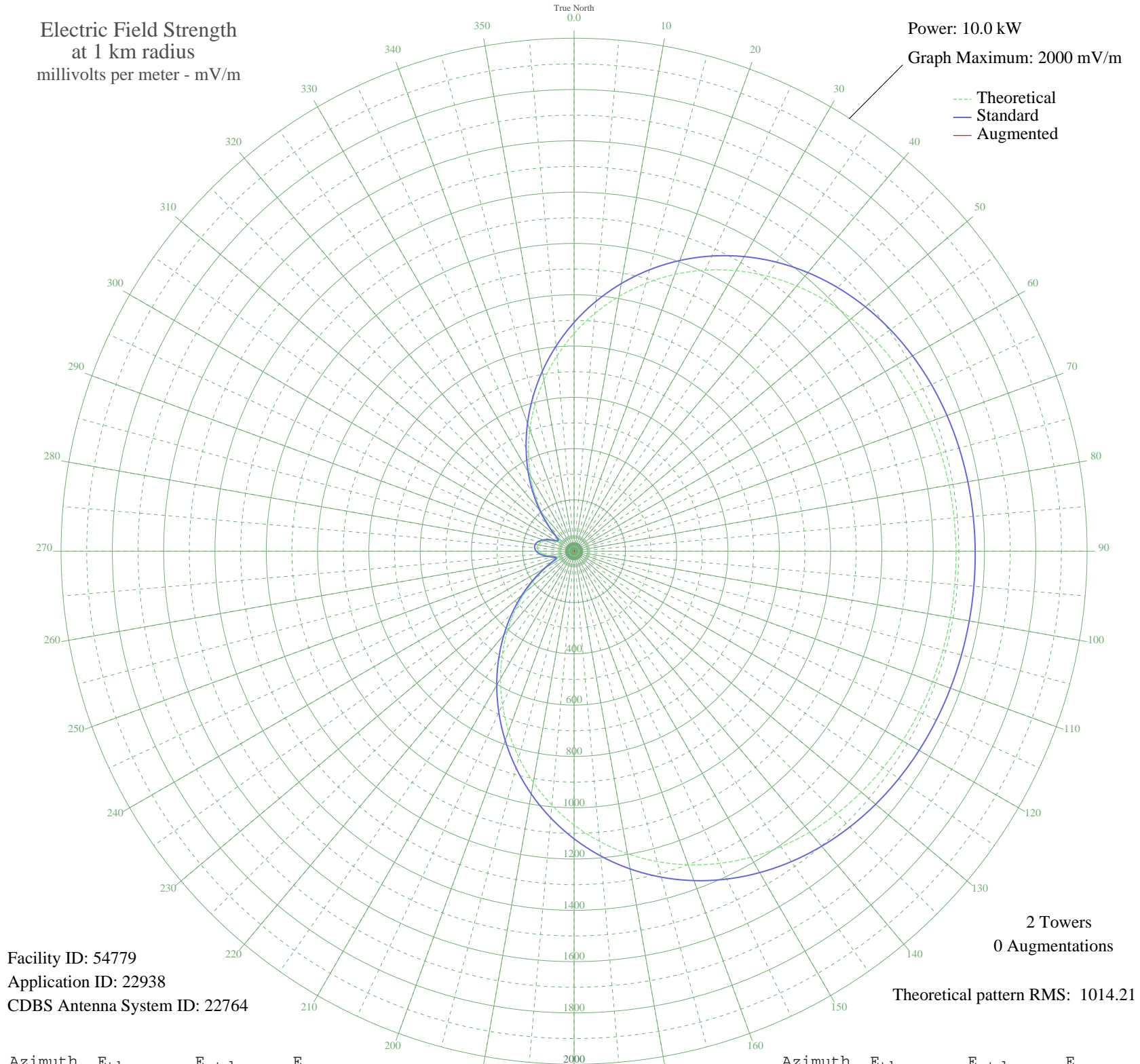


# WIZZ GREENFIELD, MA BL-19800819AB 1520 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 54779  
Application ID: 22938  
CDBS Antenna System ID: 22764

2 Towers  
0 Augmentations

Theoretical pattern RMS: 1014.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	848.92	891.99	
5	930.77	977.88	
10	1008.56	1059.51	
15	1081.34	1135.89	
20	1148.33	1206.20	
25	1208.95	1269.83	
30	1262.84	1326.40	
35	1309.88	1375.77	
40	1350.13	1418.02	
45	1383.84	1453.42	
50	1411.46	1482.41	
55	1433.53	1505.58	
60	1450.71	1523.61	
65	1463.69	1537.23	
70	1473.19	1547.20	
75	1479.89	1554.24	
80	1484.42	1558.99	
85	1487.31	1562.02	
90	1488.97	1563.77	
95	1489.70	1564.53	
100	1489.62	1564.45	
105	1488.72	1563.51	
110	1486.84	1561.53	
115	1483.66	1558.20	
120	1478.74	1553.04	
125	1471.53	1545.47	
130	1461.40	1534.82	
135	1447.63	1520.38	
140	1429.53	1501.38	
145	1406.40	1477.09	
150	1377.60	1446.87	
155	1342.61	1410.13	
160	1301.02	1366.48	
165	1252.61	1315.66	
170	1197.35	1257.66	
175	1135.42	1192.66	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1067.23	1121.08	
185	993.38	1043.58	
190	914.69	961.00	
195	832.16	874.40	
200	746.90	784.95	
205	660.14	693.95	
210	573.18	602.76	
215	487.33	512.77	
220	403.91	425.40	
225	324.22	342.05	
230	249.62	264.20	
235	181.68	193.63	
240	122.80	133.15	
245	78.60	88.96	
250	62.36	73.42	
255	76.82	87.23	
260	100.68	110.80	
265	121.80	132.13	
270	136.55	147.17	
275	143.72	154.52	
280	142.92	153.69	
285	134.19	144.76	
290	118.03	128.30	
295	95.92	106.05	
300	72.52	83.07	
305	62.70	73.73	
310	85.75	95.97	
315	133.67	144.22	
320	194.64	207.05	
325	264.06	279.25	
330	339.79	358.33	
335	420.33	442.60	
340	504.35	530.61	
345	590.53	620.94	
350	677.55	712.20	
355	764.11	803.00	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission