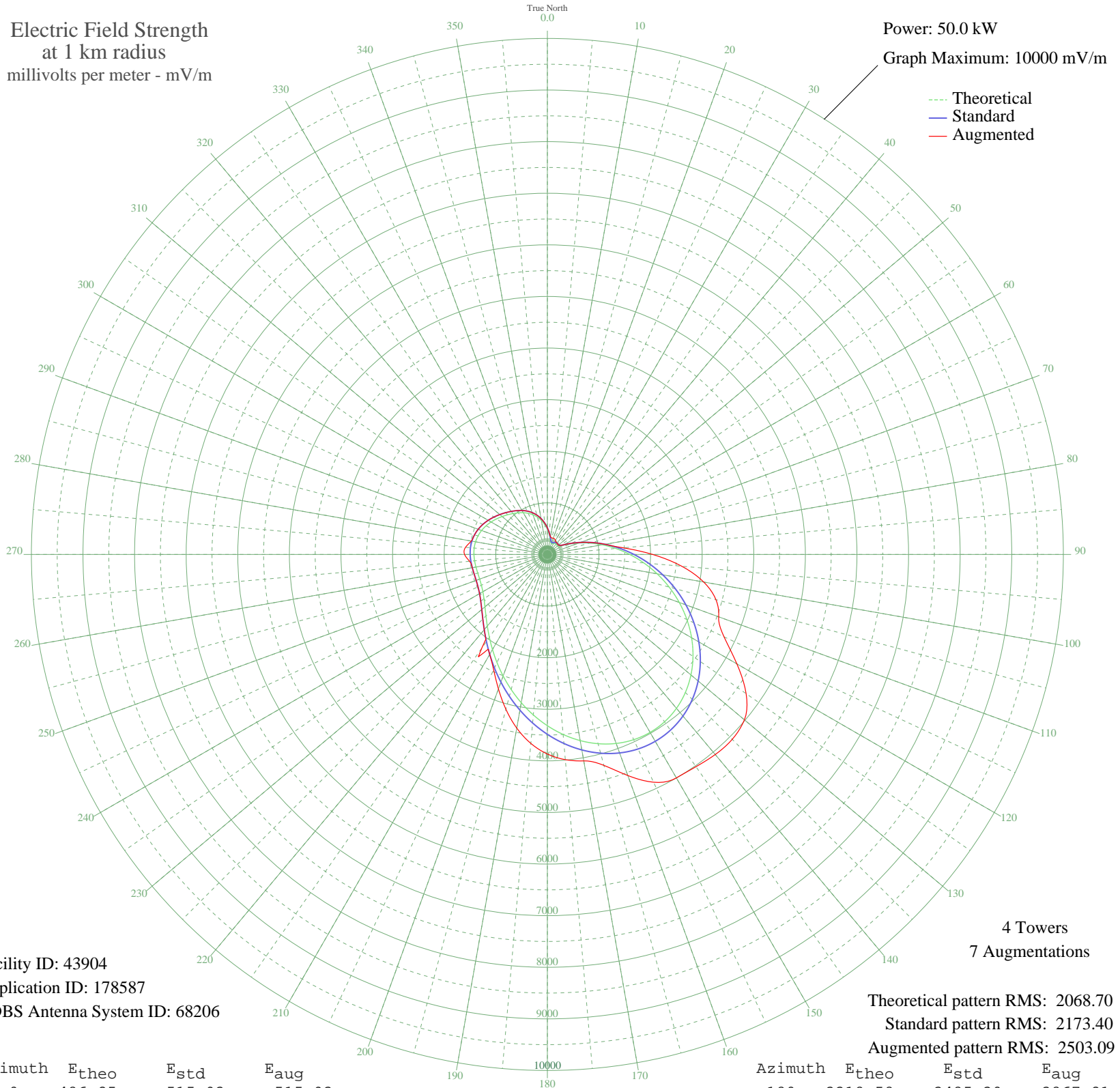


# WWJZ MOUNT HOLLY, NJ BL-19921110AA 640 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 43904  
Application ID: 178587  
CDBS Antenna System ID: 68206

Theoretical pattern RMS: 2068.70  
Standard pattern RMS: 2173.40  
Augmented pattern RMS: 2503.09

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	486.25	515.93	515.93
5	393.10	419.38	419.38
10	309.88	333.74	350.19
15	249.01	271.80	330.81
20	222.12	244.76	335.29
25	226.94	249.58	331.89
30	245.65	268.40	312.35
35	261.43	284.37	291.75
40	266.33	289.33	289.33
45	261.48	284.41	284.41
50	259.00	281.90	281.90
55	282.91	306.19	306.19
60	355.53	380.62	380.62
65	479.94	509.37	509.37
70	647.51	683.92	683.92
75	849.46	895.02	895.02
80	1078.95	1135.33	1135.33
85	1330.24	1398.72	1476.64
90	1597.91	1679.45	2041.47
95	1876.53	1971.76	2614.02
100	2160.45	2269.69	3076.54
105	2443.76	2567.02	3382.00
110	2720.26	2857.24	3532.34
115	2983.62	3133.68	3778.03
120	3227.45	3389.64	4241.03
125	3445.57	3618.61	4702.06
130	3632.25	3814.58	4985.00
135	3782.48	3972.29	5066.63
140	3892.30	4087.59	5061.24
145	3959.05	4157.67	5020.97
150	3981.59	4181.33	5000.00
155	3960.39	4159.08	4869.90
160	3897.55	4093.10	4558.88
165	3796.65	3987.18	4231.40
170	3662.56	3846.41	4062.00
175	3501.08	3676.88	3991.66

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3318.58	3485.30	3867.21
185	3121.63	3278.55	3675.75
190	2916.66	3063.39	3416.94
195	2709.67	2846.12	3105.58
200	2506.07	2632.42	2772.78
205	2310.59	2427.26	2464.84
210	2127.32	2234.92	2234.92
215	1959.78	2059.11	2216.59
220	1810.99	1902.99	1902.99
225	1683.52	1769.25	1769.25
230	1579.34	1659.96	1659.96
235	1499.56	1576.29	1576.29
240	1444.04	1518.05	1518.05
245	1410.97	1483.38	1483.38
250	1396.87	1468.59	1468.59
255	1396.81	1468.53	1468.53
260	1405.06	1477.18	1477.18
265	1415.71	1488.35	1513.87
270	1423.39	1496.40	1604.81
275	1423.68	1496.71	1592.23
280	1413.48	1486.01	1497.91
285	1391.20	1462.65	1462.65
290	1356.83	1426.60	1426.60
295	1311.86	1379.45	1379.45
300	1259.05	1324.08	1324.08
305	1201.88	1264.16	1264.16
310	1143.92	1203.41	1203.41
315	1087.92	1144.73	1144.73
320	1035.09	1089.37	1089.37
325	984.68	1036.58	1036.58
330	934.24	983.75	983.75
335	880.30	927.29	927.29
340	819.46	863.63	863.63
345	749.31	790.27	790.27
350	669.14	706.51	706.51
355	580.26	613.78	613.78