

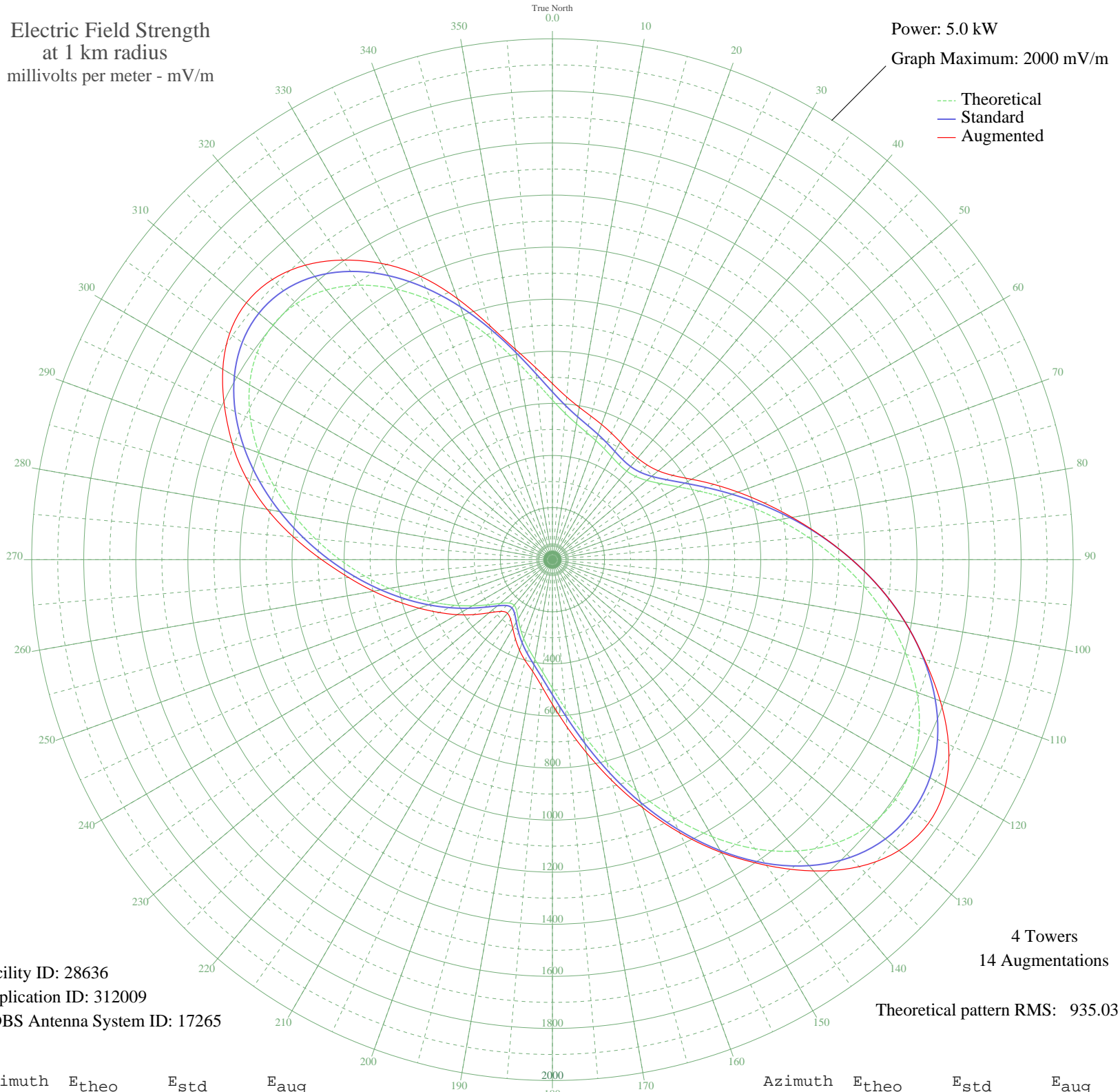
# WJZ BALTIMORE, MD BL-- 1300 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 28636  
Application ID: 312009  
CDBS Antenna System ID: 17265

4 Towers  
14 Augmentations

Theoretical pattern RMS: 935.03

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	612.91	644.23	675.92
5	563.78	592.70	627.14
10	529.90	557.18	594.03
15	505.80	531.91	570.75
20	486.74	511.93	552.34
25	470.20	494.59	535.97
30	456.08	479.80	521.52
35	446.29	469.54	511.24
40	443.86	466.99	508.55
45	452.03	475.55	514.31
50	473.29	497.83	530.80
55	508.91	535.17	564.08
60	558.95	587.64	617.28
65	622.67	654.47	683.97
70	698.91	734.45	758.38
75	786.26	826.10	841.59
80	882.95	927.57	934.89
85	986.79	1036.55	1038.36
90	1094.93	1150.05	1150.05
95	1203.83	1264.36	1264.36
100	1309.22	1375.00	1375.00
105	1406.22	1476.83	1479.51
110	1489.57	1564.33	1585.20
115	1553.96	1631.93	1678.53
120	1594.46	1674.44	1742.39
125	1607.03	1687.64	1763.82
130	1589.06	1668.77	1737.67
135	1539.73	1616.99	1666.72
140	1460.42	1533.73	1560.25
145	1354.74	1422.79	1432.96
150	1228.45	1290.21	1299.01
155	1089.09	1143.93	1156.92
160	945.39	993.10	1013.45
165	806.49	847.33	876.60
170	680.95	715.61	752.56
175	575.45	604.95	645.01

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	493.24	518.75	555.71
185	432.94	455.54	485.81
190	388.95	409.47	435.81
195	354.04	372.92	402.34
200	322.42	339.83	369.50
205	291.53	307.53	336.05
210	262.41	277.11	304.50
215	239.34	253.04	279.86
220	228.64	241.89	268.76
225	235.66	249.20	280.93
230	261.25	275.90	317.45
235	302.10	318.58	367.51
240	354.10	372.98	422.49
245	414.42	436.14	479.98
250	481.72	506.67	544.78
255	555.64	584.17	617.40
260	636.20	668.66	697.79
265	723.26	759.99	785.71
270	816.13	857.44	886.22
275	913.29	959.41	998.50
280	1012.20	1063.22	1112.20
285	1109.30	1165.14	1218.07
290	1200.18	1260.53	1309.15
295	1279.79	1344.10	1389.54
300	1342.95	1410.40	1461.74
305	1384.83	1454.37	1513.64
310	1401.54	1471.91	1534.59
315	1390.67	1460.50	1521.29
320	1351.76	1419.65	1476.24
325	1286.57	1351.22	1404.38
330	1199.14	1259.44	1313.58
335	1095.59	1150.75	1201.30
340	983.65	1033.25	1066.42
345	871.90	915.98	930.34
350	768.78	807.76	820.60
355	681.17	715.84	740.35