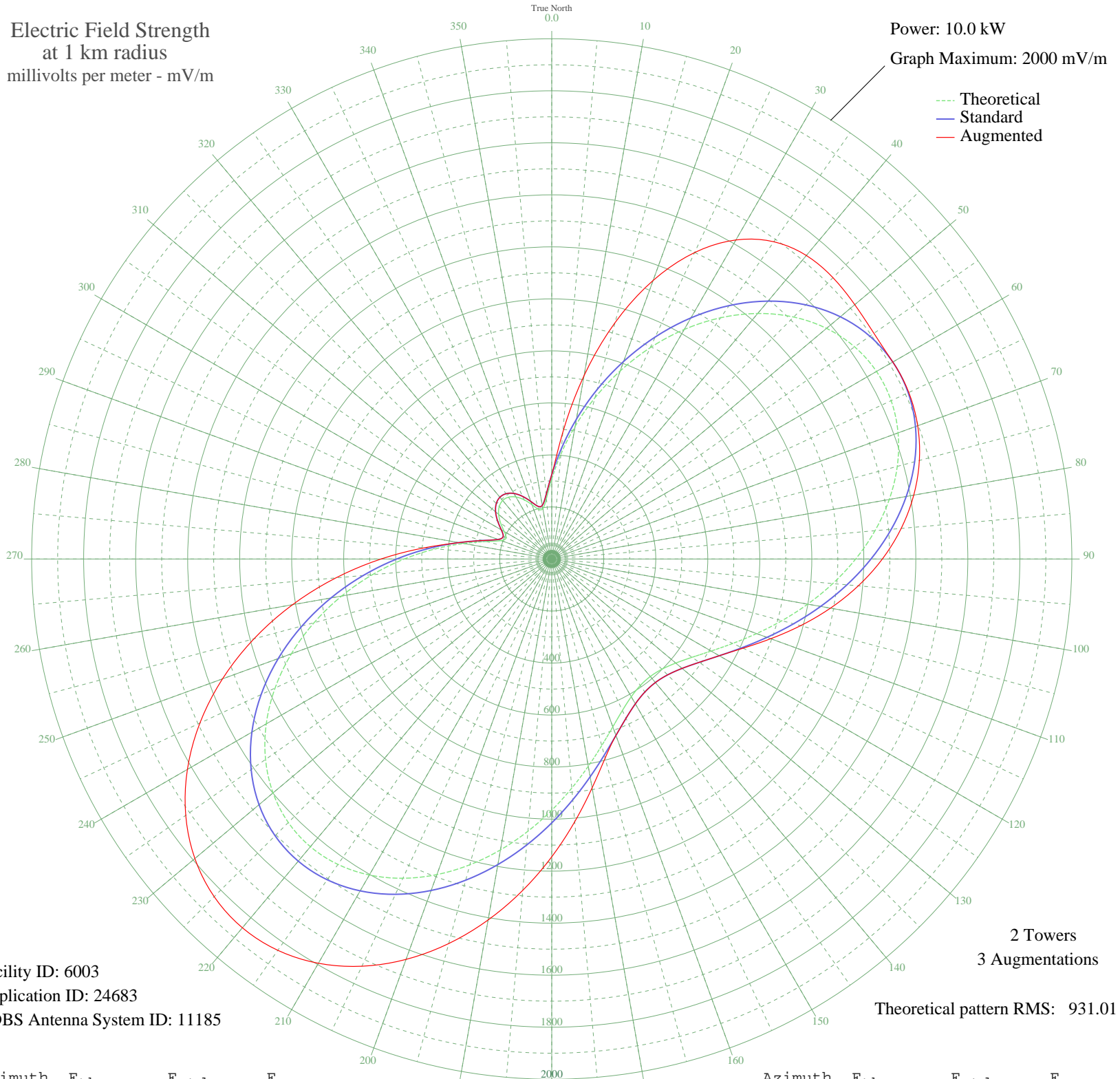


# WBDY BLUEFIELD, VA BL-19801104AC 1190 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 6003  
Application ID: 24683  
CDBS Antenna System ID: 11185

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 931.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	306.95	324.01	324.01
5	404.79	426.32	489.26
10	518.43	545.37	715.87
15	641.59	674.48	940.75
20	769.13	808.27	1139.49
25	896.39	941.80	1299.82
30	1018.83	1070.28	1416.22
35	1132.10	1189.17	1488.85
40	1232.17	1294.20	1523.18
45	1315.53	1381.71	1529.44
50	1379.39	1448.74	1521.15
55	1421.86	1493.32	1512.49
60	1442.04	1514.50	1514.50
65	1440.10	1512.47	1514.89
70	1417.25	1488.48	1497.63
75	1375.58	1444.74	1463.52
80	1317.95	1384.25	1413.54
85	1247.78	1310.59	1348.92
90	1168.78	1227.66	1271.39
95	1084.76	1139.48	1183.37
100	999.44	1049.93	1088.26
105	916.26	962.64	990.61
110	838.27	880.81	896.18
115	768.07	807.15	811.68
120	707.72	743.85	743.85
125	658.81	692.54	692.54
130	622.41	654.37	654.37
135	599.23	630.06	630.06
140	589.63	620.00	620.00
145	593.74	624.32	624.32
150	611.52	642.96	642.96
155	642.70	675.65	675.65
160	686.71	721.81	721.81
165	742.65	780.49	792.68
170	809.13	850.23	893.48
175	884.28	929.09	1013.93

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	965.73	1014.55	1144.88
185	1050.58	1103.61	1278.73
190	1135.56	1192.80	1409.12
195	1217.02	1278.30	1530.55
200	1291.18	1356.15	1638.12
205	1354.26	1422.36	1727.42
210	1402.69	1473.20	1794.61
215	1433.37	1505.41	1836.51
220	1443.87	1516.43	1850.75
225	1432.62	1504.62	1835.87
230	1399.02	1469.35	1791.45
235	1343.54	1411.11	1718.17
240	1267.69	1331.49	1617.76
245	1173.92	1233.06	1492.98
250	1065.47	1119.24	1347.42
255	946.19	994.06	1185.47
260	820.33	861.99	1012.15
265	692.35	727.72	833.33
270	566.86	596.13	656.33
275	448.74	472.35	492.23
280	343.70	362.40	362.40
285	259.44	274.42	274.42
290	206.78	219.64	219.64
295	193.57	205.95	205.95
300	210.86	223.88	223.88
305	239.59	253.75	253.75
310	266.56	281.85	281.85
315	285.44	301.55	301.55
320	293.57	310.03	310.03
325	290.06	306.37	306.37
330	275.28	290.95	290.95
335	251.06	265.69	265.69
340	221.92	235.37	235.37
345	197.91	210.44	210.44
350	196.80	209.29	209.29
355	233.92	247.85	247.85

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission