

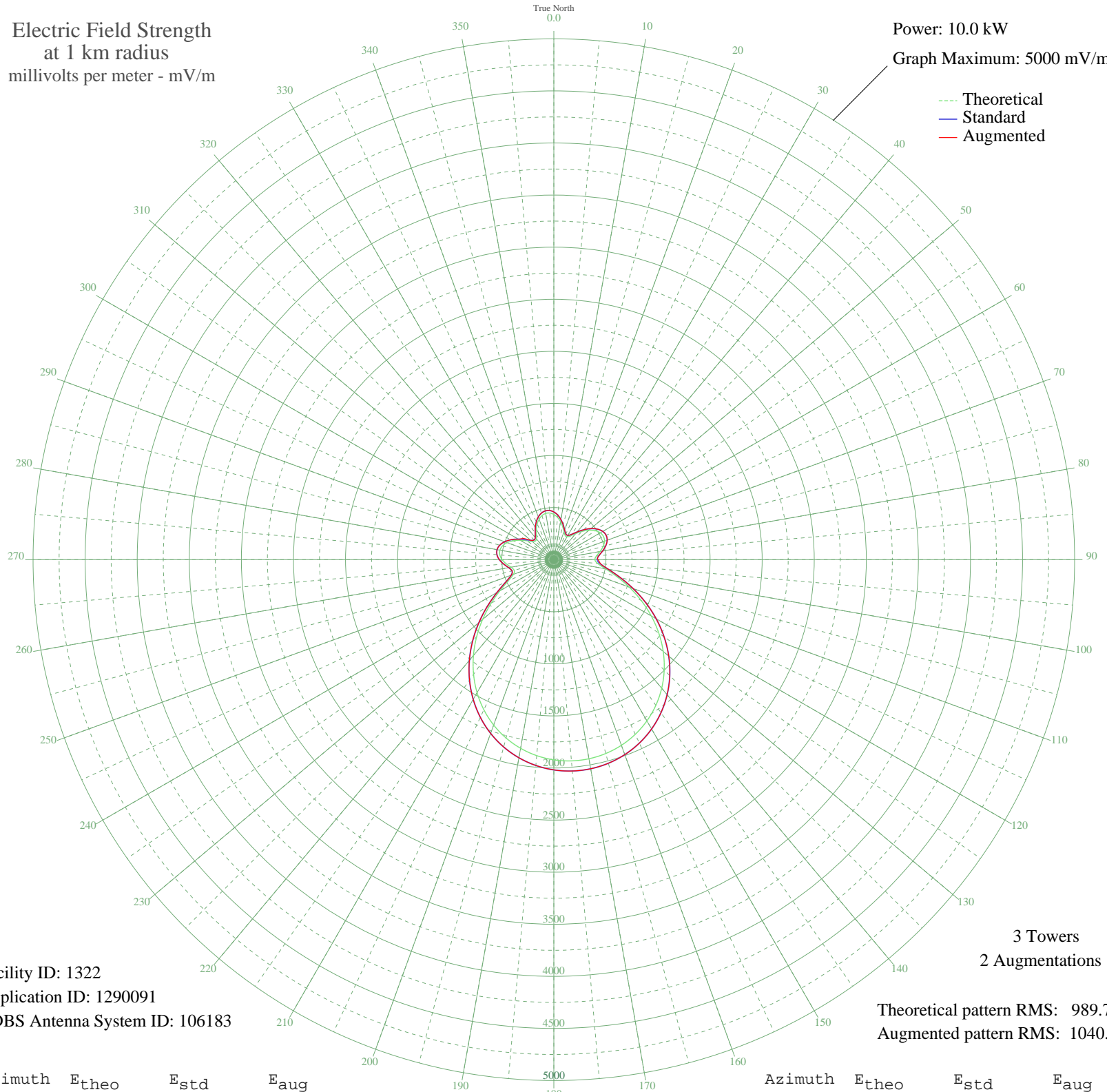
KBBW WACO, TX BL-20090108API 1010 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 1322
Application ID: 1290091
CDBS Antenna System ID: 106183

3 Towers
2 Augmentations

Theoretical pattern RMS: 989.75
Augmented pattern RMS: 1040.27

Azimuth	E _{theo}	E _{std}	E _{aug}
0	434.42	458.12	458.12
5	407.27	429.74	429.74
10	370.10	390.93	390.93
15	327.12	346.10	346.10
20	285.49	302.77	302.77
25	256.45	272.61	272.61
30	252.79	268.81	268.81
35	279.21	296.24	296.24
40	327.39	346.38	346.38
45	384.42	405.88	405.88
50	439.52	463.46	463.46
55	484.87	510.89	510.89
60	514.93	542.34	542.34
65	526.15	554.09	554.09
70	517.24	544.77	544.77
75	489.85	516.10	516.10
80	450.03	474.44	474.44
85	410.74	433.37	433.37
90	393.82	415.69	424.66
95	422.75	445.92	450.36
100	504.13	531.04	531.04
105	625.27	657.91	657.91
110	769.54	809.13	809.13
115	924.06	971.20	971.20
120	1079.77	1134.56	1134.56
125	1230.22	1292.43	1292.43
130	1370.83	1440.00	1440.00
135	1498.44	1573.94	1573.94
140	1611.01	1692.09	1692.09
145	1707.37	1793.25	1793.25
150	1787.04	1876.87	1876.87
155	1849.96	1942.93	1942.93
160	1896.35	1991.62	1991.62
165	1926.52	2023.29	2023.29
170	1940.74	2038.22	2038.22
175	1939.16	2036.56	2036.56

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 _{theo}	E _{std}	E _{aug}
180	1921.77	2018.31	2018.31
185	1888.38	1983.26	1983.26
190	1838.71	1931.11	1931.11
195	1772.45	1861.56	1861.56
200	1689.43	1774.41	1774.41
205	1589.76	1669.79	1669.79
210	1474.07	1548.36	1548.36
215	1343.66	1411.49	1411.49
220	1200.79	1261.55	1261.55
225	1048.87	1102.14	1102.14
230	892.82	938.42	938.42
235	739.51	777.65	777.65
240	598.70	630.07	630.07
245	484.12	510.10	510.10
250	412.62	435.34	435.34
255	394.16	416.05	416.05
260	417.62	440.56	440.56
265	458.49	483.29	483.29
270	496.60	523.16	523.16
275	520.61	548.29	548.29
280	525.51	553.42	553.42
285	510.34	537.54	537.54
290	476.88	502.53	502.53
295	429.07	452.53	452.53
300	372.87	393.82	393.82
305	316.65	335.19	354.06
310	271.78	288.52	288.52
315	251.06	267.02	267.02
320	260.59	276.91	276.91
325	293.23	310.82	310.82
330	335.89	355.24	355.24
335	378.17	399.35	399.35
340	413.60	436.35	436.35
345	438.42	462.30	462.30
350	450.59	475.03	475.03
355	449.22	473.60	473.60