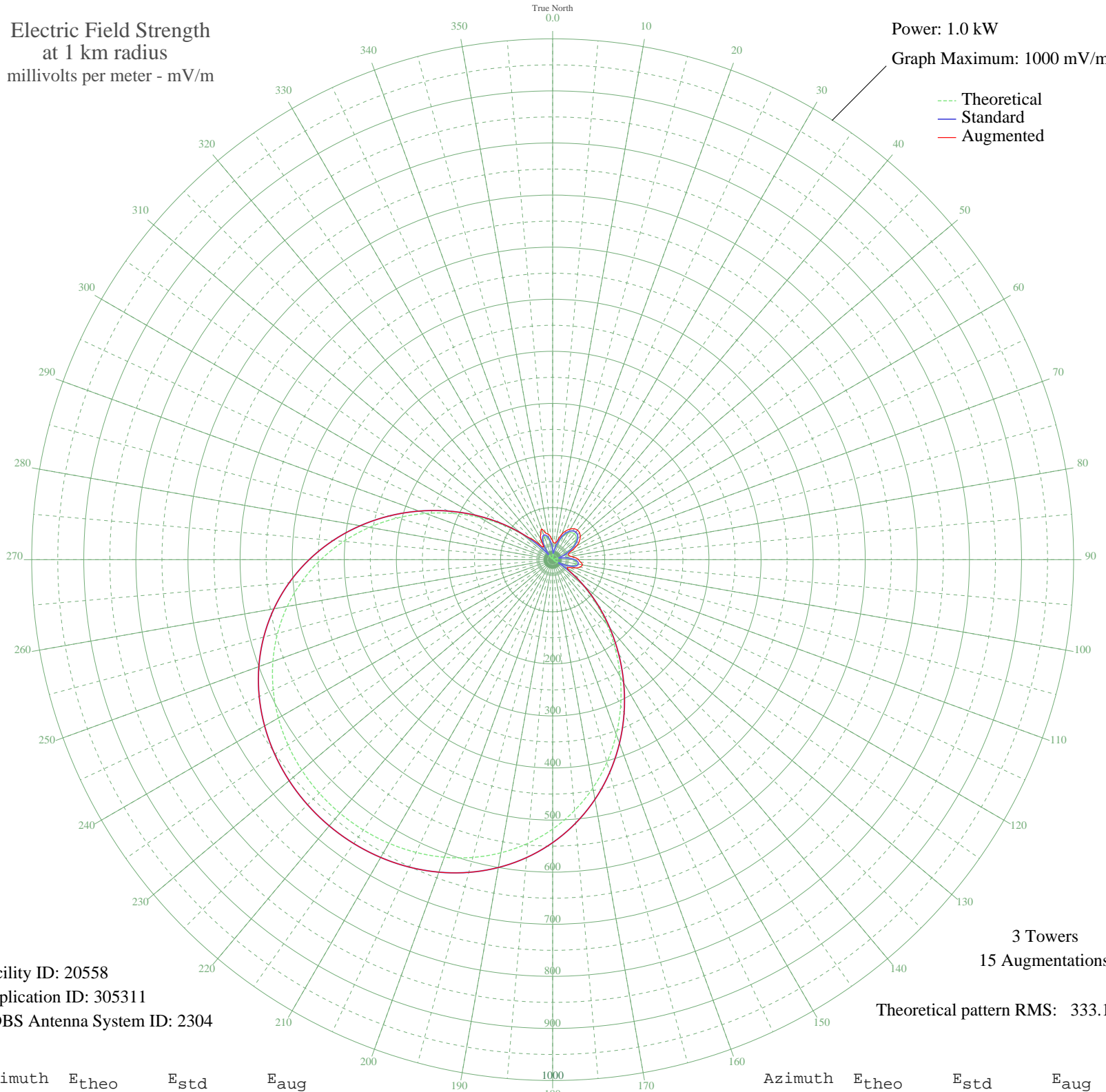


WZOO ASHEBORO, NC BL-- 710 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

3 Towers
15 Augmentations

Theoretical pattern RMS: 333.13

Facility ID: 20558
Application ID: 305311
CDBS Antenna System ID: 2304

Azimuth	E _{theo}	E _{std}	E _{aug}
0	15.02	19.68	35.84
5	0.87	11.81	32.19
10	13.65	18.55	32.80
15	27.58	31.26	39.68
20	40.12	43.74	52.23
25	50.56	54.38	61.33
30	58.40	62.44	67.92
35	63.25	67.45	72.25
40	64.89	69.14	74.03
45	63.25	67.45	72.87
50	58.40	62.44	69.23
55	50.56	54.38	62.87
60	40.12	43.74	53.33
65	27.58	31.26	39.84
70	13.65	18.55	32.24
75	0.87	11.81	32.19
80	15.02	19.68	35.84
85	27.58	31.42	43.41
90	37.94	41.54	49.91
95	44.48	48.17	53.82
100	46.33	50.05	57.94
105	42.56	46.22	54.60
110	32.48	36.08	46.26
115	15.66	20.22	35.32
120	8.02	14.48	32.45
125	38.33	41.93	44.29
130	74.67	79.29	79.29
135	116.17	122.55	122.55
140	161.69	170.18	170.18
145	209.91	220.72	220.72
150	259.43	272.66	272.66
155	308.89	324.55	324.55
160	357.01	375.05	375.05
165	402.68	422.98	422.98
170	445.01	467.41	467.41
175	483.35	507.66	507.66

Azimuth	E _{theo}	E _{std}	E _{aug}
180	517.30	543.29	543.29
185	546.68	574.13	574.13
190	571.47	600.16	600.16
195	591.83	621.53	621.53
200	607.97	638.47	638.47
205	620.16	651.27	651.27
210	628.64	660.18	660.18
215	633.65	665.43	665.43
220	635.30	667.17	667.17
225	633.65	665.43	665.43
230	628.64	660.18	660.18
235	620.16	651.27	651.27
240	607.97	638.47	638.47
245	591.83	621.53	621.53
250	571.47	600.16	600.16
255	546.68	574.13	574.13
260	517.30	543.29	543.29
265	483.35	507.66	507.66
270	445.01	467.41	467.41
275	402.68	422.98	422.98
280	357.01	375.05	375.05
285	308.89	324.55	324.55
290	259.43	272.66	272.66
295	209.91	220.72	220.72
300	161.69	170.18	170.18
305	116.17	122.55	122.55
310	74.67	79.29	79.29
315	38.33	41.93	55.21
320	8.02	14.48	34.56
325	15.66	20.22	29.68
330	32.49	36.08	46.00
335	42.56	46.22	53.89
340	46.33	50.05	62.56
345	44.48	48.17	53.11
350	37.94	41.54	49.91
355	27.75	31.42	43.41

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission