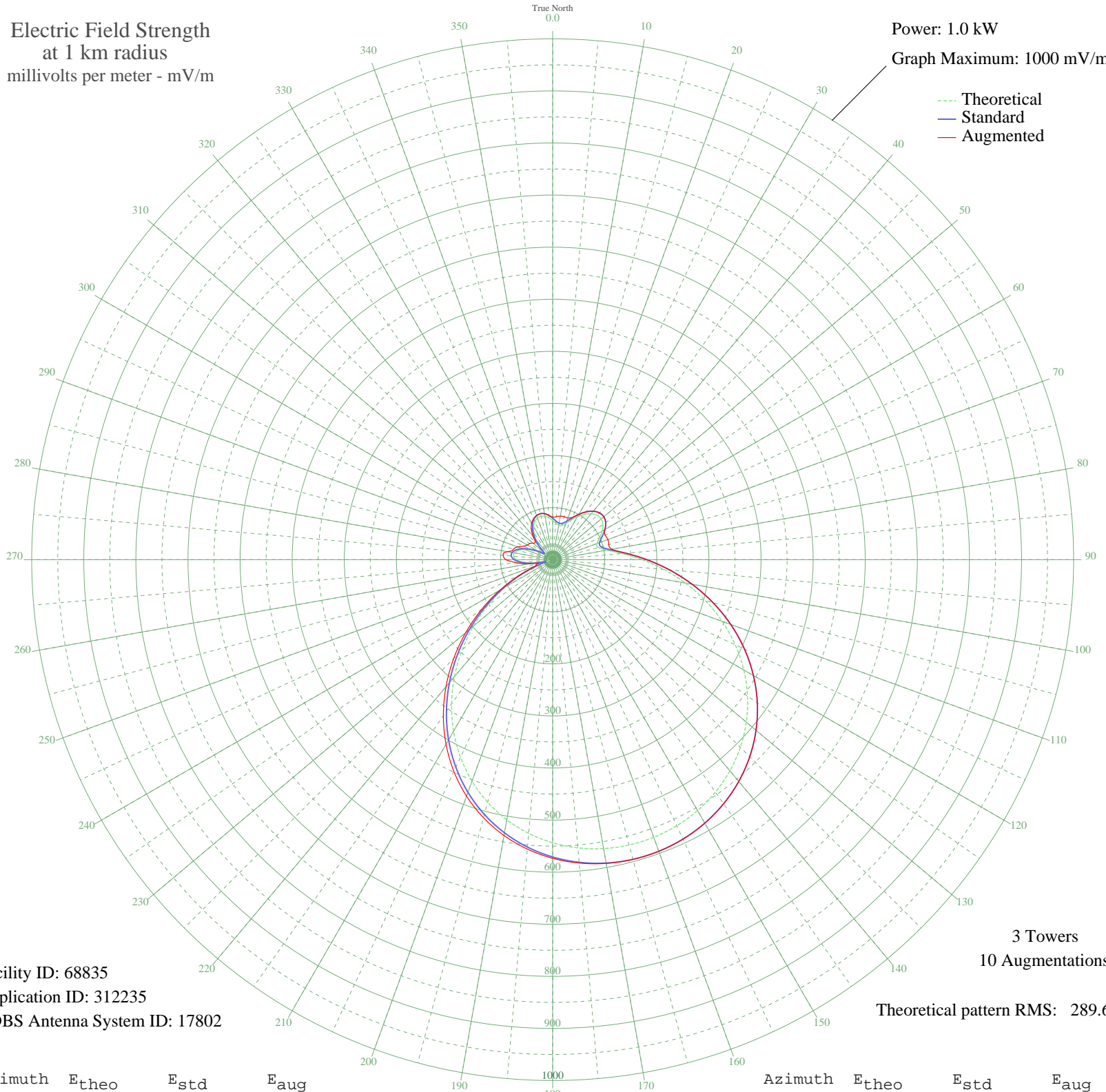


# WISE ASHEVILLE, NC BL-- 1310 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 68835  
Application ID: 312235  
CDBS Antenna System ID: 17802

3 Towers  
10 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	75.19	79.75	81.79
5	69.91	74.26	82.83
10	66.83	71.07	84.95
15	67.93	72.21	85.30
20	73.89	78.39	85.27
25	83.59	88.49	89.56
30	95.01	100.40	100.40
35	106.06	111.94	111.94
40	115.00	121.28	121.28
45	120.47	126.99	126.99
50	121.53	128.10	128.10
55	117.81	124.21	124.21
60	109.78	115.82	115.82
65	99.29	104.86	111.37
70	90.61	95.81	112.78
75	90.78	95.98	111.58
80	105.55	111.40	115.58
85	134.02	141.18	141.18
90	171.55	180.48	180.48
95	214.05	225.04	225.04
100	258.64	271.81	271.81
105	303.25	318.61	318.61
110	346.34	363.83	363.83
115	386.76	406.26	406.26
120	423.70	445.03	445.03
125	456.62	479.58	479.58
130	485.23	509.61	509.61
135	509.41	535.00	535.00
140	529.22	555.79	555.79
145	544.76	572.11	572.11
150	556.19	584.11	584.11
155	563.67	591.96	591.96
160	567.31	595.78	595.78
165	567.17	595.63	595.76
170	563.23	591.50	592.11
175	555.41	583.29	584.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	543.56	570.85	573.39
185	527.50	553.99	557.83
190	507.07	532.54	537.75
195	482.11	506.34	512.92
200	452.58	475.34	483.20
205	418.57	439.64	448.58
210	380.33	399.51	409.27
215	338.35	355.44	365.70
220	293.33	308.20	318.58
225	246.21	258.76	268.86
230	198.13	208.34	217.70
235	150.39	158.31	166.48
240	104.40	110.20	116.69
245	61.58	65.63	69.92
250	23.48	27.11	33.99
255	11.65	16.63	30.24
260	37.27	40.72	41.61
265	56.85	60.75	69.20
270	69.45	73.79	90.04
275	75.19	79.75	95.33
280	74.55	79.09	88.07
285	68.34	72.63	78.02
290	57.58	61.50	71.37
295	43.58	47.13	61.39
300	28.11	31.59	56.27
305	15.76	20.01	53.86
310	19.57	23.43	49.25
315	33.96	37.40	47.20
320	48.96	52.63	58.33
325	62.24	66.32	71.48
330	72.95	77.43	80.82
335	80.64	85.42	86.79
340	85.10	90.06	90.18
345	86.36	91.37	91.37
350	84.68	89.62	89.62
355	80.63	85.40	85.40

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission