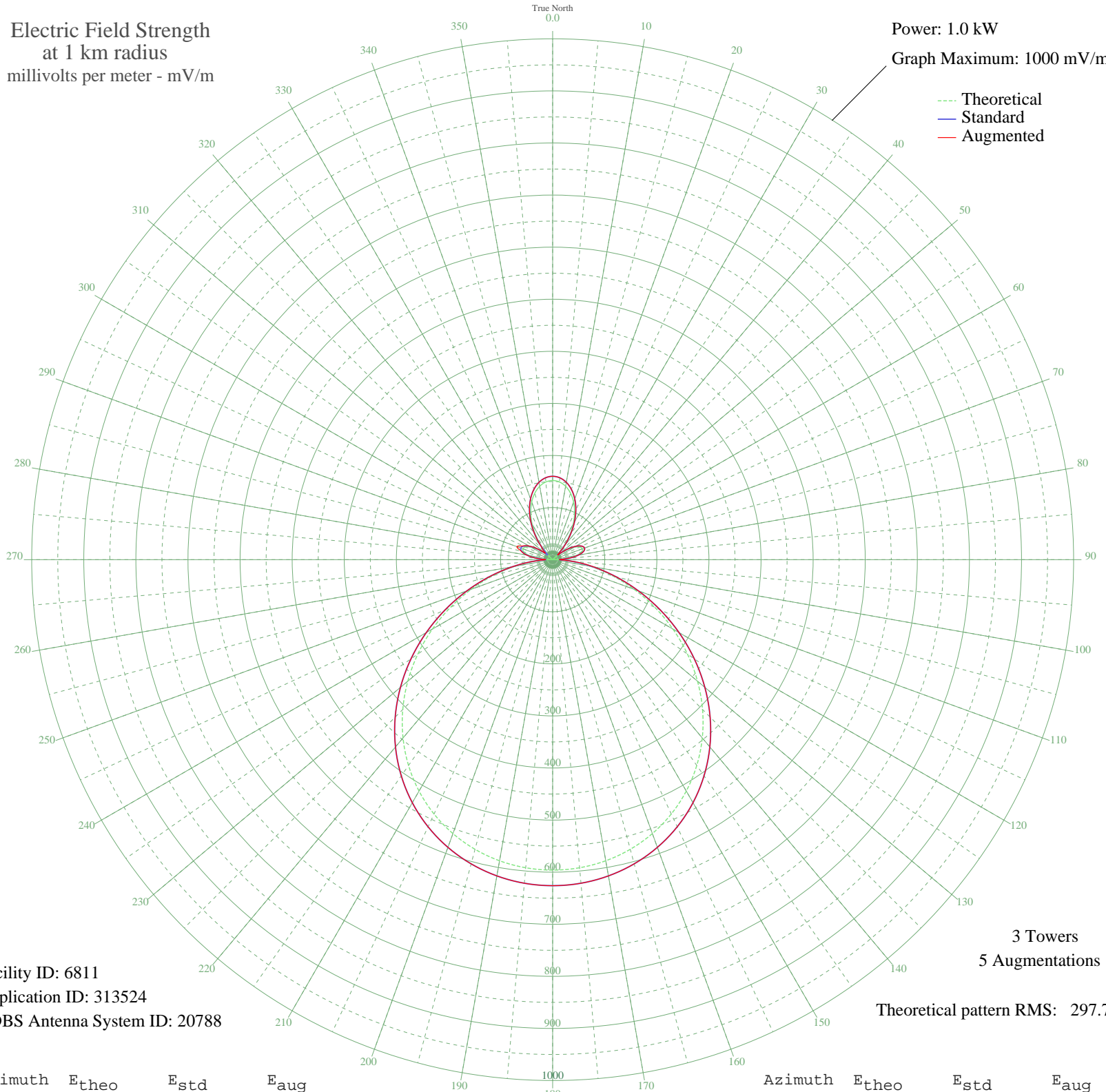


WHMA ANNISTON, AL BL-- 1390 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 6811
Application ID: 313524
CDBS Antenna System ID: 20788

3 Towers
5 Augmentations
Theoretical pattern RMS: 297.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	151.97	160.08	160.08
5	149.74	157.74	157.74
10	143.11	150.80	150.80
15	132.28	139.48	139.48
20	117.60	124.13	124.13
25	99.54	105.28	105.28
30	78.76	83.67	83.67
35	56.07	60.23	60.23
40	32.45	36.37	36.37
45	9.03	15.85	15.85
50	12.96	18.62	18.62
55	32.21	36.13	36.13
60	47.41	51.38	51.38
65	57.32	61.52	61.52
70	60.88	65.18	65.18
75	57.25	61.45	61.45
80	45.92	49.87	49.87
85	26.74	30.82	30.82
90	0.06	12.71	12.71
95	33.86	37.76	39.48
100	73.70	78.42	80.01
105	118.34	124.91	124.91
110	166.37	175.15	175.15
115	216.28	227.45	227.45
120	266.58	280.20	280.20
125	315.89	331.93	331.93
130	363.00	381.36	381.36
135	406.90	427.44	427.44
140	446.85	469.36	469.36
145	482.32	506.59	506.59
150	513.01	538.81	538.81
155	538.79	565.87	565.87
160	559.65	587.77	587.77
165	575.70	604.62	604.62
170	587.03	616.52	616.52
175	593.78	623.60	623.60

Azimuth	E _{theo}	E _{std}	E _{aug}
180	596.02	625.95	625.95
185	593.78	623.60	623.60
190	587.03	616.52	616.52
195	575.70	604.61	604.61
200	559.65	587.77	587.77
205	538.79	565.87	565.87
210	513.01	538.81	538.81
215	482.32	506.59	506.59
220	446.85	469.36	469.36
225	406.90	427.44	427.44
230	363.00	381.36	381.36
235	315.89	331.93	331.93
240	266.58	280.20	280.20
245	216.28	227.45	227.45
250	166.37	175.15	175.15
255	118.34	124.91	124.91
260	73.70	78.42	78.42
265	33.86	37.76	37.76
270	0.06	12.71	13.10
275	26.74	30.82	31.40
280	45.92	49.87	50.55
285	57.25	61.45	62.22
290	60.88	65.18	73.14
295	57.32	61.52	62.33
300	47.41	51.38	52.25
305	32.21	36.13	37.18
310	12.96	18.62	20.32
315	9.03	15.85	25.39
320	32.45	36.37	37.13
325	56.07	60.23	60.56
330	78.76	83.67	83.79
335	99.54	105.29	105.31
340	117.60	124.13	124.13
345	132.29	139.48	139.48
350	143.11	150.80	150.80
355	149.74	157.74	157.74

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission