

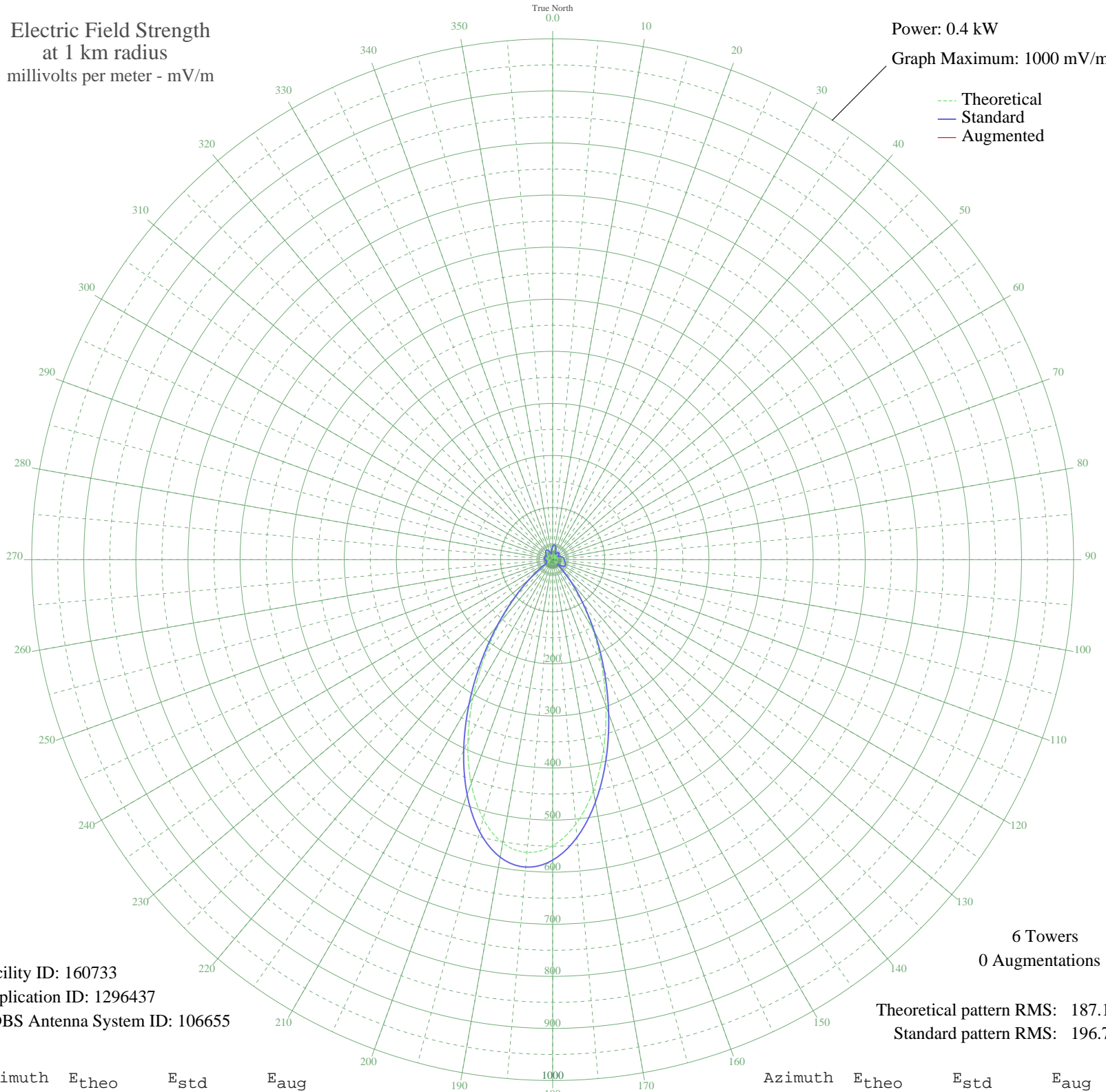
NEW FULTONDALE, AL BNP-20080602BQU 1520 kHz

Nighttime

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

Power: 0.4 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 160733
Application ID: 1296437
CDBS Antenna System ID: 106655

6 Towers
0 Augmentations

Theoretical pattern RMS: 187.12
Standard pattern RMS: 196.76

Azimuth	E _{theo}	E _{std}	E _{aug}
0	22.12	25.49	
5	25.33	28.59	
10	24.54	27.83	
15	20.00	23.48	
20	12.85	17.09	
25	5.51	11.99	
30	6.17	12.34	
35	11.24	15.80	
40	13.97	18.04	
45	13.64	17.76	
50	10.66	15.35	
55	6.19	12.35	
60	3.76	11.22	
65	7.43	13.08	
70	11.74	16.19	
75	15.00	18.93	
80	17.05	20.75	
85	18.15	21.76	
90	18.75	22.31	
95	19.33	22.85	
100	20.22	23.69	
105	21.53	24.93	
110	22.97	26.30	
115	23.72	27.03	
120	22.41	25.76	
125	17.11	20.80	
130	6.39	12.46	
135	17.19	20.88	
140	49.27	52.79	
145	94.52	99.80	
150	152.77	160.75	
155	222.23	233.57	
160	299.03	314.16	
165	377.39	396.40	
170	450.15	472.77	
175	509.72	535.31	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	549.33	576.89	
185	564.17	592.48	
190	552.33	580.05	
195	515.17	541.03	
200	457.09	480.06	
205	384.76	404.13	
210	305.93	321.40	
215	228.20	239.84	
220	157.88	166.11	
225	99.36	104.85	
230	54.82	58.51	
235	24.58	27.86	
240	8.52	13.79	
245	7.13	12.90	
250	7.39	13.05	
255	5.07	11.77	
260	3.99	11.31	
265	6.95	12.79	
270	10.08	14.91	
275	11.94	16.35	
280	12.38	16.71	
285	11.74	16.19	
290	10.60	15.30	
295	9.62	14.57	
300	9.38	14.40	
305	10.19	14.99	
310	12.02	16.42	
315	14.52	18.51	
320	16.98	20.69	
325	18.51	22.09	
330	18.20	21.80	
335	15.36	19.25	
340	9.84	14.73	
345	2.25	10.76	
350	7.04	12.84	
355	15.58	19.44	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission