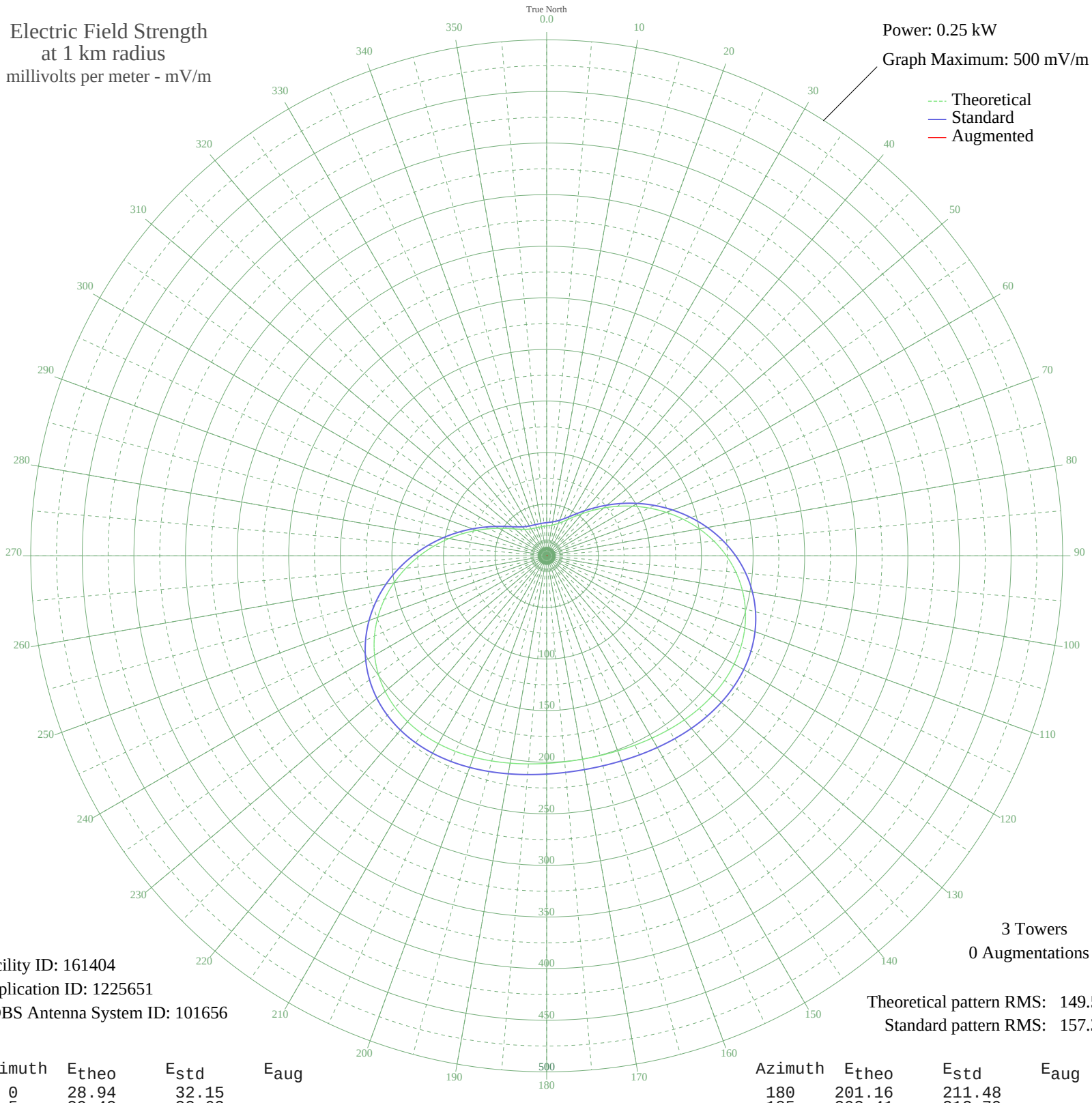
NEW MULBERRY, FL BNP-20071231AAK 780 kHz

Nighttime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 161404
Application ID: 1225651
CDBS Antenna System ID: 101656

3 Towers
0 Augmentations

Theoretical pattern RMS: 149.53
Standard pattern RMS: 157.36

Azimuth	E_{theo}	E_{std}	E_{aug}
0	28.94	32.15	
5	29.42	32.62	
10	30.22	33.42	
15	31.50	34.70	
20	33.48	36.68	
25	36.41	39.65	
30	40.55	43.86	
35	46.12	49.56	
40	53.24	56.88	
45	61.93	65.87	
50	72.11	76.44	
55	83.61	88.42	
60	96.18	101.54	
65	109.51	115.47	
70	123.23	129.81	
75	136.94	144.17	
80	150.24	158.10	
85	162.76	171.22	
90	174.15	183.16	
95	184.15	193.64	
100	192.57	202.47	
105	199.30	209.53	
110	204.34	214.82	
115	207.77	218.41	
120	209.74	220.48	
125	210.45	221.22	
130	210.15	220.90	
135	209.09	219.80	
140	207.55	218.18	
145	205.78	216.32	
150	204.00	214.46	
155	202.41	212.79	
160	201.16	211.48	
165	200.36	210.64	
170	200.09	210.36	
175	200.36	210.64	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	201.16	211.48	
185	202.41	212.79	
190	204.00	214.46	
195	205.78	216.32	
200	207.55	218.18	
205	209.09	219.80	
210	210.15	220.90	
215	210.45	221.22	
220	209.74	220.48	
225	207.77	218.41	
230	204.34	214.82	
235	199.30	209.53	
240	192.57	202.47	
245	184.15	193.64	
250	174.15	183.16	
255	162.76	171.22	
260	150.24	158.10	
265	136.94	144.17	
270	123.23	129.81	
275	109.51	115.47	
280	96.18	101.54	
285	83.61	88.42	
290	72.11	76.44	
295	61.93	65.87	
300	53.24	56.88	
305	46.12	49.56	
310	40.55	43.86	
315	36.41	39.65	
320	33.48	36.69	
325	31.50	34.70	
330	30.22	33.42	
335	29.42	32.62	
340	28.94	32.15	
345	28.70	31.91	
350	28.62	31.83	
355	28.70	31.91	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission