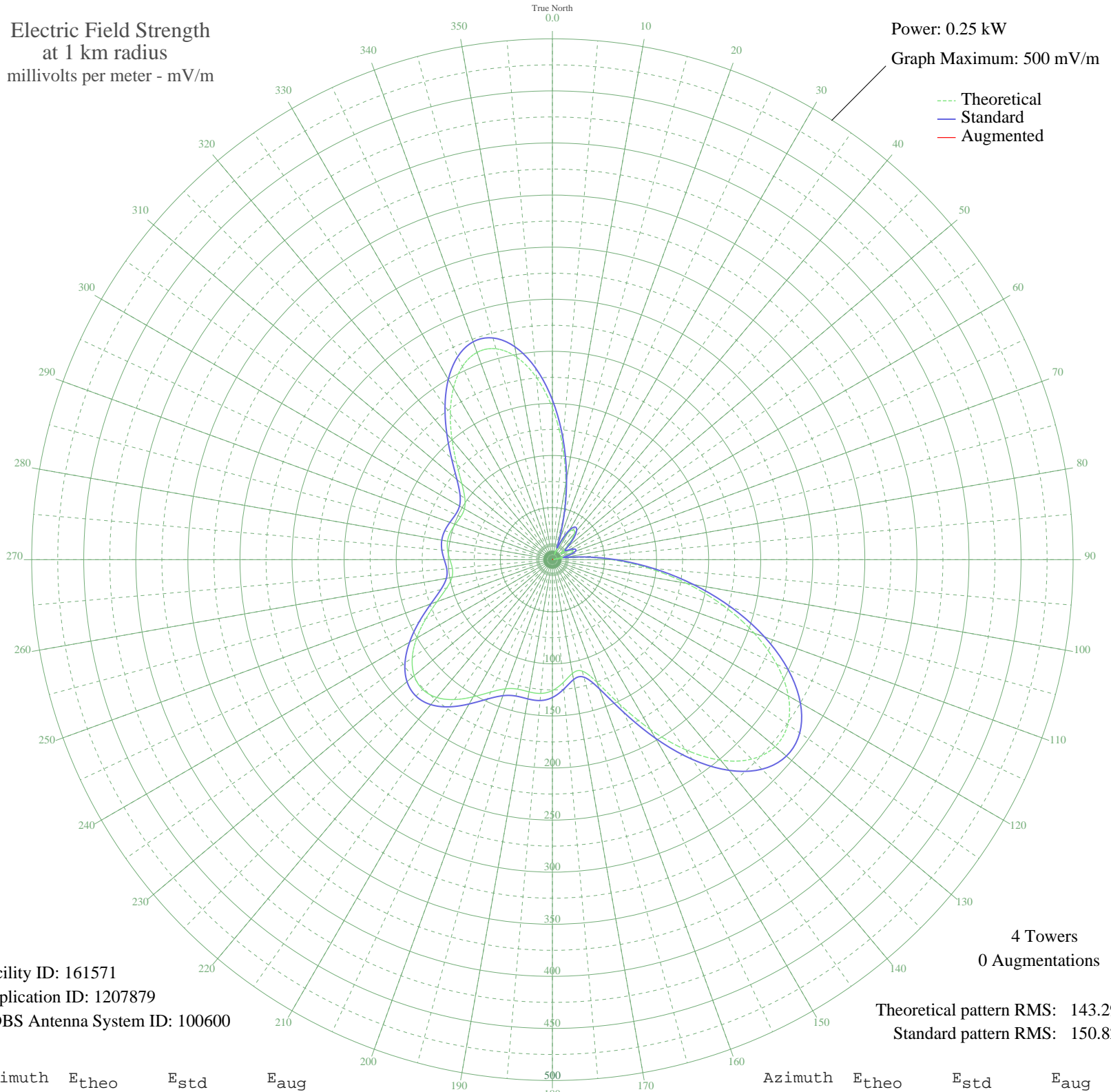


NEW MONTEVALLO, AL BNP-20070927AIX 880 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 161571
Application ID: 1207879
CDBS Antenna System ID: 100600

4 Towers
0 Augmentations

Theoretical pattern RMS: 143.29
Standard pattern RMS: 150.82

Azimuth	E _{theo}	E _{std}	E _{aug}
0	145.69	153.34	
5	110.66	116.66	
10	73.83	78.23	
15	38.84	42.11	
20	9.65	14.59	
25	15.48	19.35	
30	29.45	32.65	
35	35.01	38.23	
40	32.94	36.15	
45	25.23	28.50	
50	15.12	19.04	
55	9.99	14.84	
60	15.42	19.30	
65	20.53	23.98	
70	20.16	23.63	
75	12.50	16.80	
80	3.31	11.06	
85	26.65	29.89	
90	56.89	60.65	
95	92.30	97.49	
100	130.71	137.65	
105	169.56	178.35	
110	206.12	216.69	
115	237.66	249.76	
120	261.63	274.91	
125	275.95	289.93	
130	279.17	293.31	
135	270.75	284.48	
140	251.26	264.03	
145	222.62	233.98	
150	188.27	197.96	
155	153.44	161.46	
160	125.23	131.91	
165	110.71	116.72	
170	110.86	116.87	
175	118.44	124.80	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	125.62	132.32	
185	128.90	135.76	
190	128.88	135.73	
195	128.70	135.54	
200	131.97	138.96	
205	140.26	147.65	
210	152.04	159.98	
215	163.96	172.47	
220	172.74	181.68	
225	176.16	185.27	
230	173.25	182.22	
235	164.26	172.79	
240	150.47	158.34	
245	134.06	141.15	
250	117.91	124.25	
255	105.12	110.88	
260	97.95	103.38	
265	96.44	101.81	
270	98.40	103.85	
275	100.98	106.55	
280	102.22	107.84	
285	101.45	107.04	
290	99.25	104.74	
295	97.20	102.60	
300	97.58	102.99	
305	102.62	108.27	
310	113.54	119.68	
315	129.88	136.78	
320	149.85	157.69	
325	170.89	179.75	
330	190.12	199.90	
335	204.59	215.08	
340	211.72	222.56	
345	209.60	220.34	
350	197.40	207.53	
355	175.53	184.60	