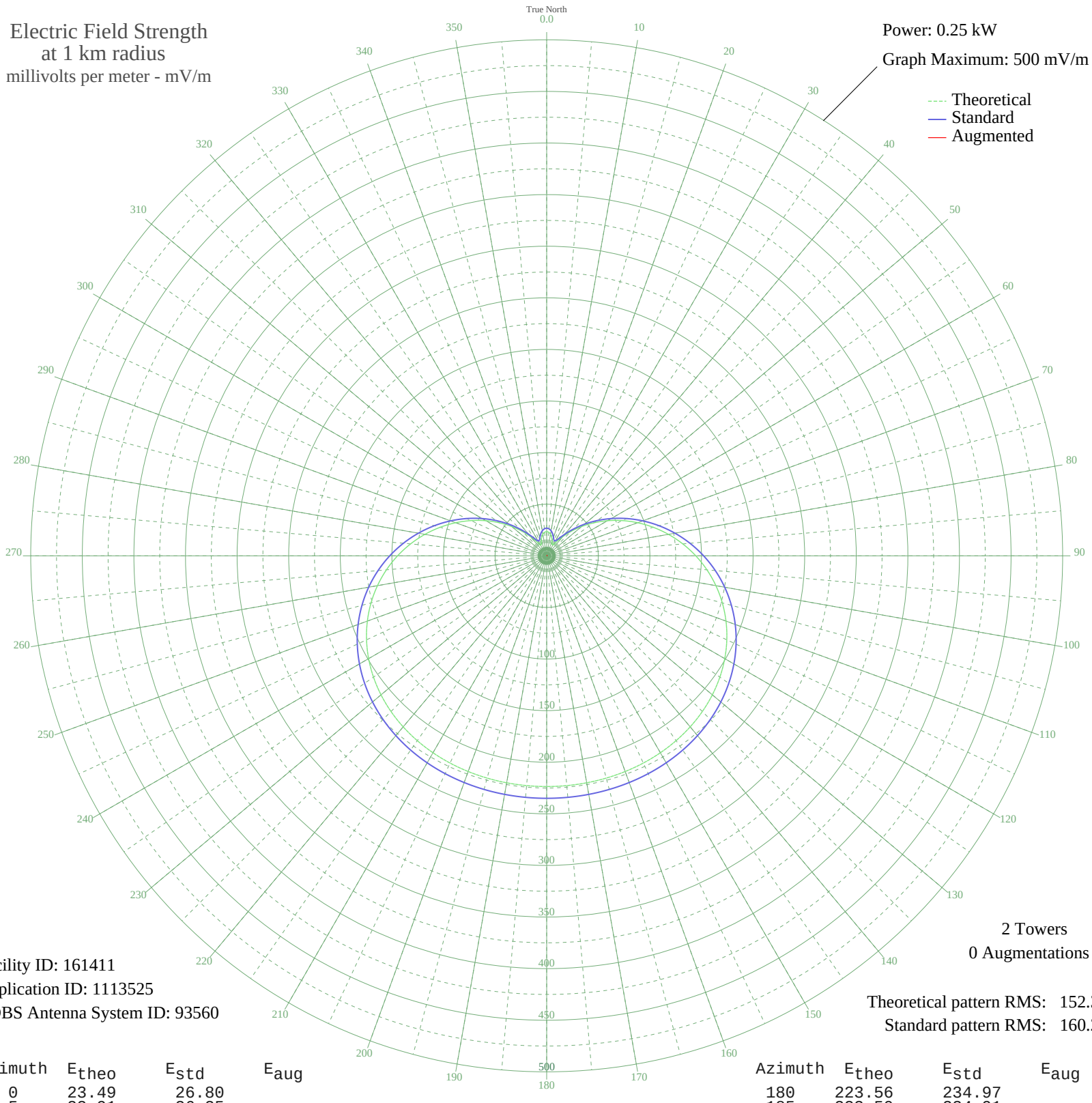
WCRW POCOMOKE CITY, MD BNP-20050118AKG 1070 kHz

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

2 Towers
0 Augmentations

Facility ID: 161411
Application ID: 1113525
CDBS Antenna System ID: 93560

Theoretical pattern RMS: 152.30
Standard pattern RMS: 160.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	23.49	26.80	
5	22.91	26.25	
10	21.22	24.63	
15	18.55	22.12	
20	15.26	19.16	
25	12.40	16.72	
30	12.27	16.62	
35	16.57	20.32	
40	24.08	27.38	
45	33.48	36.69	
50	44.15	47.53	
55	55.75	59.47	
60	68.03	72.20	
65	80.78	85.47	
70	93.80	99.04	
75	106.87	112.70	
80	119.80	126.23	
85	132.40	139.42	
90	144.49	152.08	
95	155.90	164.04	
100	166.51	175.15	
105	176.21	185.32	
110	184.92	194.45	
115	192.60	202.50	
120	199.25	209.48	
125	204.89	215.39	
130	209.56	220.29	
135	213.35	224.26	
140	216.34	227.40	
145	218.63	229.80	
150	220.34	231.60	
155	221.57	232.88	
160	222.42	233.77	
165	222.98	234.36	
170	223.32	234.72	
175	223.50	234.91	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	223.56	234.97	
185	223.50	234.91	
190	223.32	234.72	
195	222.98	234.36	
200	222.42	233.77	
205	221.57	232.88	
210	220.34	231.60	
215	218.63	229.80	
220	216.34	227.40	
225	213.35	224.26	
230	209.56	220.29	
235	204.89	215.39	
240	199.25	209.48	
245	192.60	202.50	
250	184.92	194.45	
255	176.21	185.32	
260	166.51	175.15	
265	155.90	164.04	
270	144.49	152.08	
275	132.40	139.42	
280	119.80	126.23	
285	106.87	112.70	
290	93.80	99.04	
295	80.78	85.47	
300	68.03	72.20	
305	55.75	59.47	
310	44.15	47.53	
315	33.48	36.69	
320	24.08	27.38	
325	16.57	20.32	
330	12.27	16.62	
335	12.40	16.72	
340	15.26	19.16	
345	18.55	22.12	
350	21.22	24.63	
355	22.91	26.25	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission