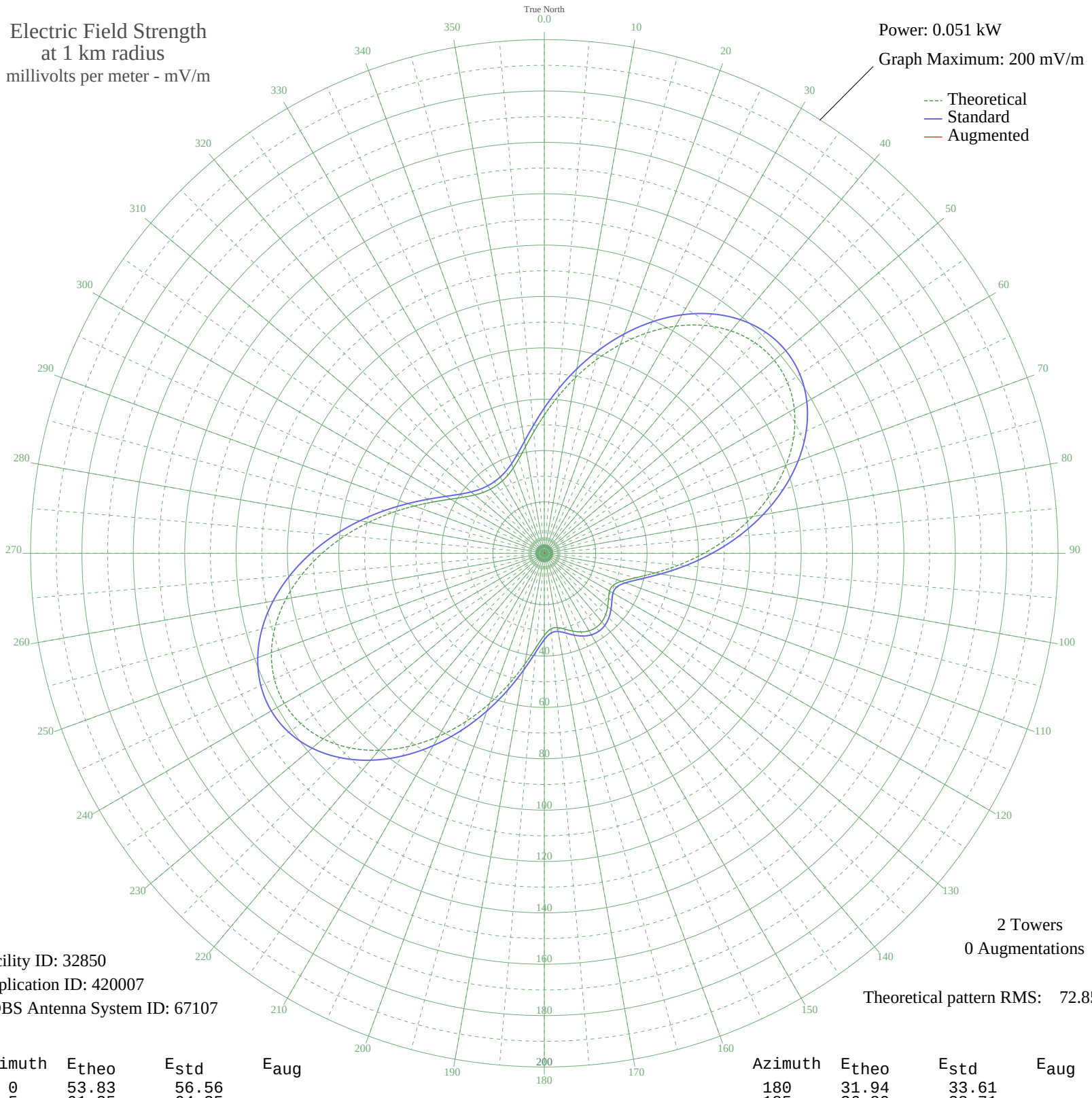
WPMO PASCAGOULA-MOSS POIN, MS --- 1580 kHz

Nighttime

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



Power: 0.051 kW

Graph Maximum: 200 mV/m

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— Standard
— Augmented

Facility ID: 32850
Application ID: 420007
CDBS Antenna System ID: 67107

2 Towers
0 Augmentations

Theoretical pattern RMS: 72.85

Azimuth	E_{theo}	E_{std}	E_{aug}
0	53.83	56.56	
5	61.25	64.35	
10	69.40	72.91	
15	77.94	81.87	
20	86.51	90.86	
25	94.70	99.46	
30	102.10	107.23	
35	108.34	113.78	
40	113.05	118.73	
45	115.96	121.78	
50	116.87	122.73	
55	115.67	121.47	
60	112.38	118.02	
65	107.12	112.50	
70	100.13	105.16	
75	91.72	96.34	
80	82.29	86.44	
85	72.28	75.93	
90	62.18	65.33	
95	52.52	55.19	
100	43.86	46.10	
105	36.80	38.71	
110	31.94	33.61	
115	29.56	31.11	
120	29.35	30.90	
125	30.53	32.13	
130	32.21	33.90	
135	33.77	35.53	
140	34.84	36.65	
145	35.21	37.04	
150	34.84	36.65	
155	33.77	35.53	
160	32.21	33.90	
165	30.53	32.13	
170	29.35	30.90	
175	29.56	31.11	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	31.94	33.61	
185	36.80	38.71	
190	43.86	46.10	
195	52.52	55.19	
200	62.18	65.33	
205	72.28	75.93	
210	82.29	86.44	
215	91.72	96.34	
220	100.13	105.16	
225	107.12	112.50	
230	112.38	118.02	
235	115.67	121.47	
240	116.87	122.73	
245	115.96	121.78	
250	113.05	118.73	
255	108.34	113.78	
260	102.10	107.23	
265	94.70	99.46	
270	86.51	90.86	
275	77.94	81.87	
280	69.40	72.91	
285	61.25	64.35	
290	53.83	56.56	
295	47.40	49.82	
300	42.15	44.31	
305	38.15	40.12	
310	35.34	37.17	
315	33.56	35.31	
320	32.61	34.31	
325	32.31	34.00	
330	32.61	34.31	
335	33.56	35.31	
340	35.34	37.17	
345	38.15	40.12	
350	42.15	44.31	
355	47.40	49.82	

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.

6 Oct 2022

Prepared by Audio Division, Media Bureau
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