

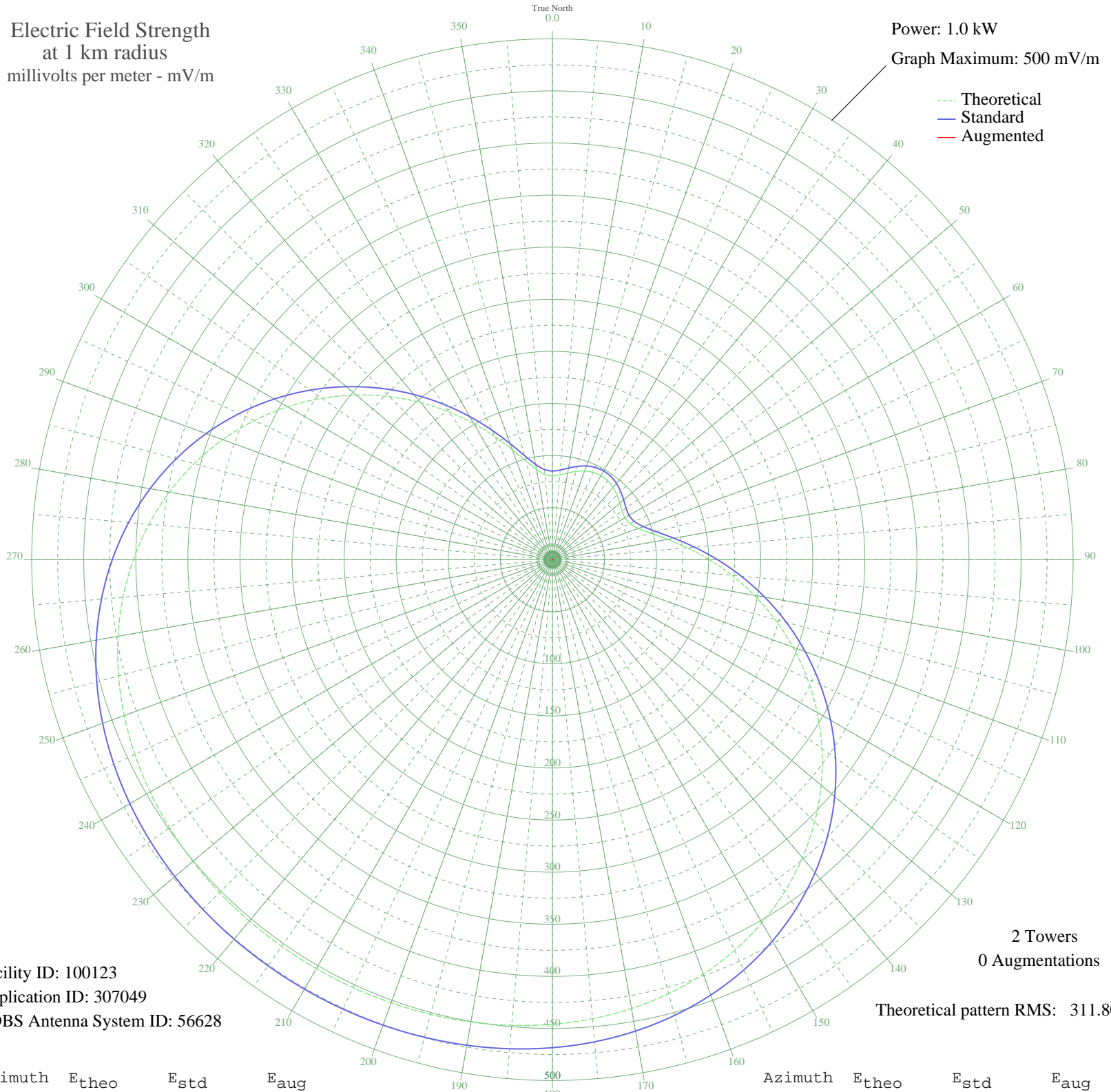
4VEF PETITEANSE, - Haiti -- 840 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 100123
Application ID: 307049
CDBS Antenna System ID: 56628

2 Towers
0 Augmentations

Theoretical pattern RMS: 311.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	80.43	85.10	
5	81.63	86.35	
10	84.44	89.28	
15	87.69	92.67	
20	90.53	95.64	
25	92.44	97.62	
30	93.10	98.32	
35	92.44	97.62	
40	90.53	95.64	
45	87.69	92.67	
50	84.44	89.28	
55	81.63	86.35	
60	80.43	85.10	
65	82.15	86.90	
70	87.88	92.87	
75	98.05	103.48	
80	112.37	118.46	
85	130.18	137.09	
90	150.67	158.56	
95	173.12	182.08	
100	196.85	206.96	
105	221.26	232.56	
110	245.83	258.33	
115	270.07	283.76	
120	293.55	308.41	
125	315.91	331.88	
130	336.84	353.84	
135	356.09	374.04	
140	373.49	392.30	
145	388.92	408.50	
150	402.37	422.61	
155	413.84	434.66	
160	423.43	444.73	
165	431.27	452.96	
170	437.53	459.53	
175	442.39	464.63	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	446.07	468.49	
185	448.76	471.32	
190	450.67	473.32	
195	451.95	474.67	
200	452.76	475.52	
205	453.20	475.98	
210	453.34	476.13	
215	453.20	475.98	
220	452.76	475.52	
225	451.95	474.67	
230	450.67	473.32	
235	448.76	471.32	
240	446.07	468.49	
245	442.39	464.63	
250	437.53	459.53	
255	431.27	452.96	
260	423.43	444.73	
265	413.84	434.66	
270	402.37	422.61	
275	388.92	408.50	
280	373.49	392.30	
285	356.09	374.04	
290	336.84	353.84	
295	315.91	331.88	
300	293.55	308.41	
305	270.07	283.76	
310	245.83	258.33	
315	221.26	232.56	
320	196.85	206.96	
325	173.12	182.08	
330	150.67	158.56	
335	130.18	137.09	
340	112.37	118.46	
345	98.05	103.48	
350	87.88	92.87	
355	82.15	86.90	