

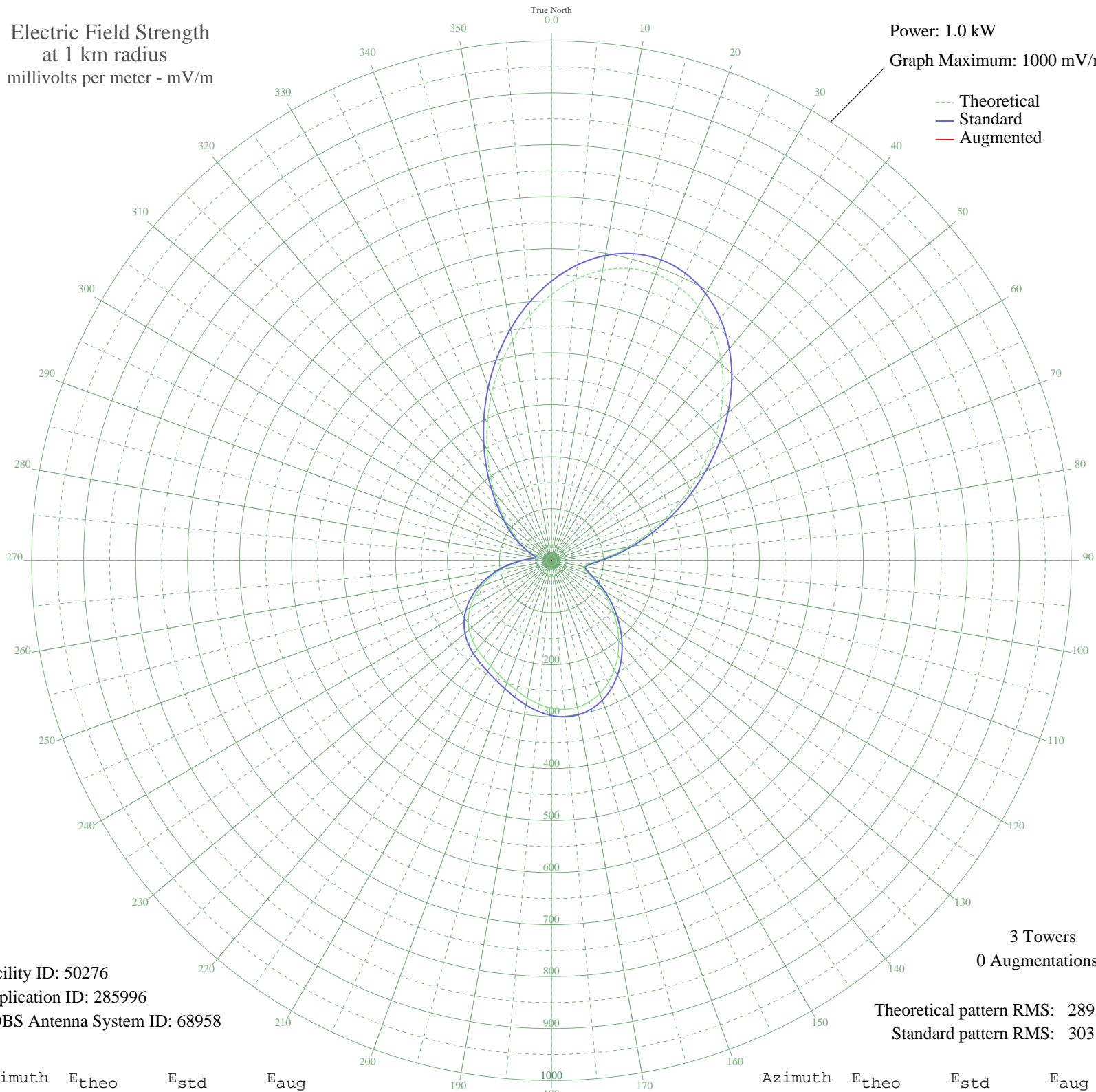
WJIT SABANA, PR BL-19990608DD 1250 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 50276  
Application ID: 285996  
CDBS Antenna System ID: 68958

3 Towers  
0 Augmentations

Theoretical pattern RMS: 289.20  
Standard pattern RMS: 303.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	512.06	537.76	
5	543.74	571.02	
10	567.42	595.88	
15	581.91	611.09	
20	586.45	615.86	
25	580.75	609.88	
30	565.03	593.38	
35	540.01	567.11	
40	506.83	532.27	
45	466.99	490.45	
50	422.24	443.47	
55	374.43	393.30	
60	325.44	341.87	
65	277.00	291.03	
70	230.63	242.39	
75	187.65	197.31	
80	149.09	156.90	
85	115.91	122.16	
90	89.20	94.25	
95	70.71	74.98	
100	62.72	66.68	
105	65.81	69.90	
110	77.21	81.75	
115	93.51	98.75	
120	112.71	118.81	
125	133.74	140.82	
130	155.92	164.05	
135	178.58	187.80	
140	201.00	211.31	
145	222.38	233.73	
150	241.86	254.17	
155	258.62	271.75	
160	271.92	285.71	
165	281.20	295.44	
170	286.13	300.62	
175	286.75	301.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	283.41	297.77	
185	276.89	290.92	
190	268.22	281.82	
195	258.62	271.76	
200	249.26	261.93	
205	240.95	253.21	
210	233.96	245.88	
215	227.94	239.57	
220	222.04	233.38	
225	215.19	226.19	
230	206.39	216.96	
235	194.93	204.94	
240	180.47	189.78	
245	163.08	171.56	
250	143.19	150.72	
255	121.49	128.00	
260	98.86	104.33	
265	76.33	80.83	
270	55.17	58.88	
275	37.40	40.65	
280	27.37	30.60	
285	30.12	33.33	
290	41.33	44.65	
295	55.54	59.26	
300	71.61	75.92	
305	90.18	95.27	
310	112.33	118.41	
315	138.93	146.26	
320	170.46	179.29	
325	206.85	217.45	
330	247.60	260.19	
335	291.77	306.54	
340	338.10	355.16	
345	385.07	404.46	
350	430.94	452.61	
355	473.88	497.69	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission