

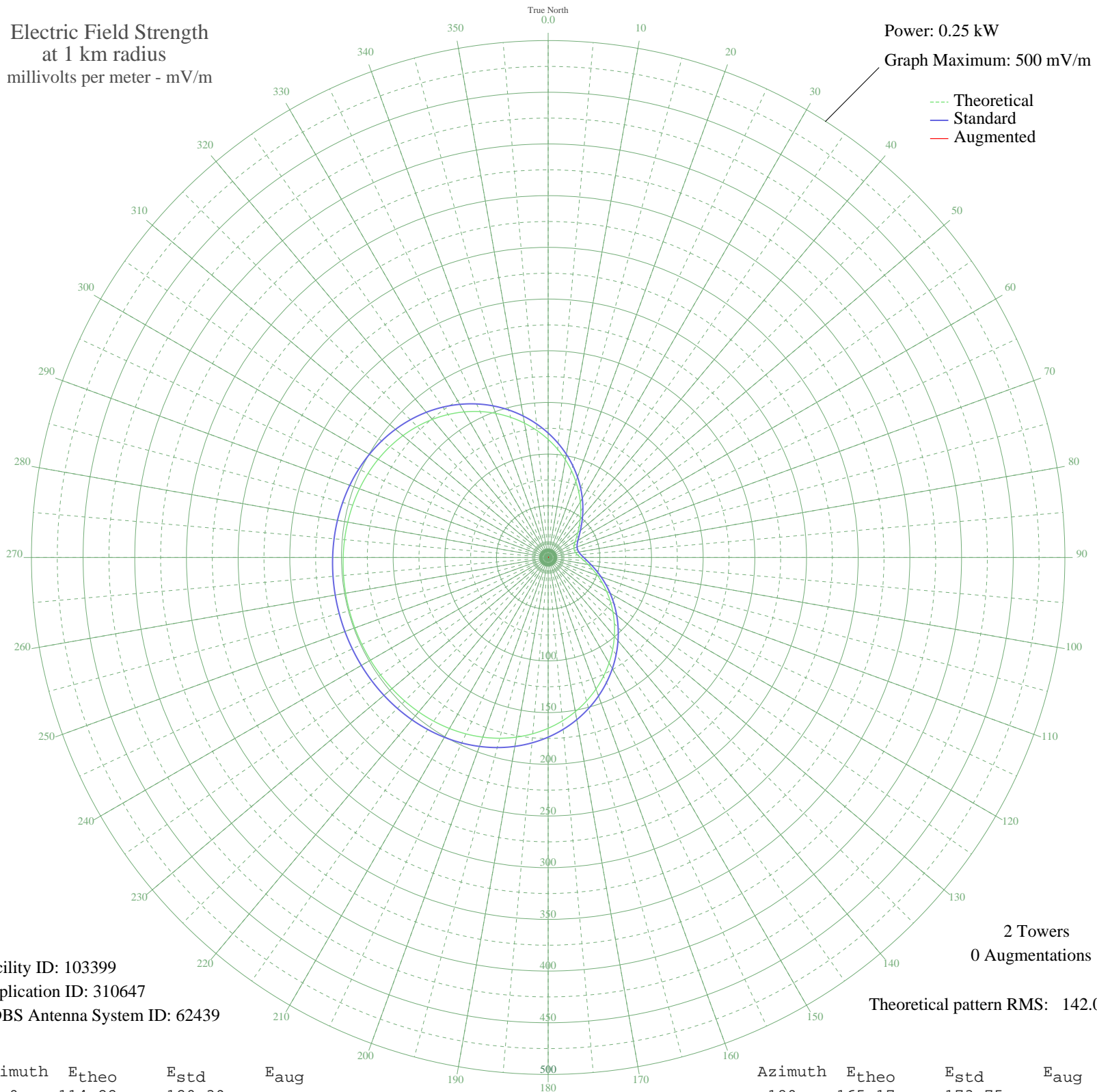
**- STA IZABEL, - Brazil -- 1290 kHz**

**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



Facility ID: 103399  
Application ID: 310647  
CDBS Antenna System ID: 62439

2 Towers  
0 Augmentations

Theoretical pattern RMS: 142.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	114.22	120.39	
5	105.11	110.86	
10	96.01	101.36	
15	87.04	92.00	
20	78.33	82.91	
25	69.99	74.24	
30	62.14	66.09	
35	54.87	58.56	
40	48.28	51.77	
45	42.44	45.79	
50	37.43	40.68	
55	33.29	36.50	
60	30.08	33.28	
65	27.82	31.04	
70	26.53	29.77	
75	26.23	29.48	
80	26.93	30.16	
85	28.60	31.82	
90	31.25	34.45	
95	34.84	38.06	
100	39.33	42.61	
105	44.68	48.08	
110	50.83	54.39	
115	57.70	61.49	
120	65.22	69.28	
125	73.28	77.65	
130	81.78	86.51	
135	90.61	95.71	
140	99.64	105.15	
145	108.76	114.68	
150	117.83	124.17	
155	126.74	133.49	
160	135.37	142.53	
165	143.61	151.16	
170	151.38	159.29	
175	158.58	166.84	

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	165.17	173.75	
185	171.11	179.98	
190	176.38	185.50	
195	180.97	190.31	
200	184.91	194.44	
205	188.23	197.92	
210	190.96	200.79	
215	193.18	203.11	
220	194.93	204.94	
225	196.28	206.36	
230	197.30	207.43	
235	198.04	208.21	
240	198.55	208.75	
245	198.88	209.09	
250	199.06	209.27	
255	199.10	209.32	
260	199.01	209.22	
265	198.77	208.97	
270	198.37	208.55	
275	197.77	207.93	
280	196.93	207.04	
285	195.78	205.84	
290	194.28	204.26	
295	192.35	202.24	
300	189.93	199.71	
305	186.97	196.60	
310	183.41	192.87	
315	179.22	188.47	
320	174.35	183.37	
325	168.82	177.57	
330	162.61	171.07	
335	155.77	163.89	
340	148.33	156.10	
345	140.37	147.76	
350	131.96	138.96	
355	123.21	129.79	