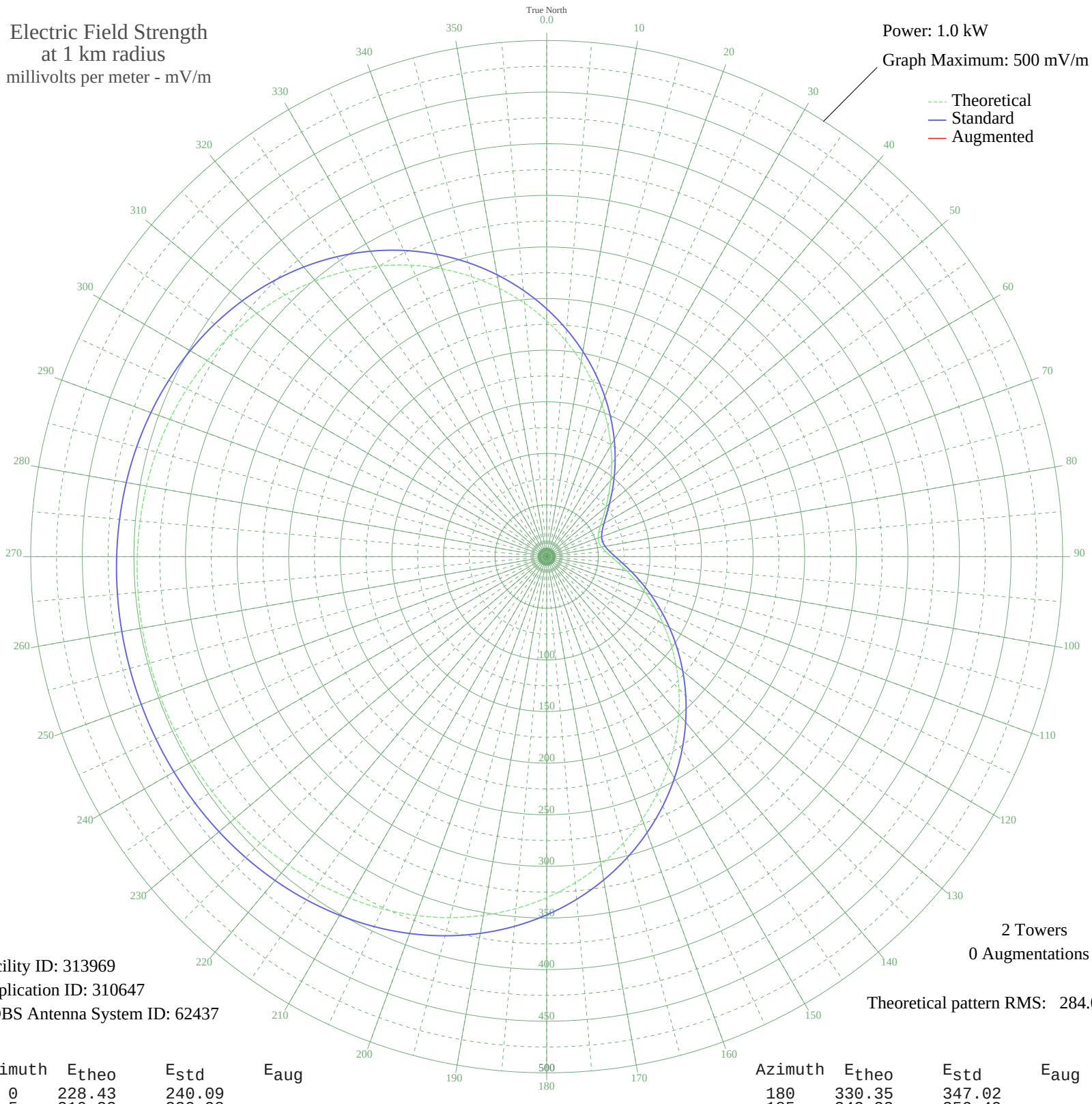
- STA IZABEL, - Brazil -- 1290 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 313969
Application ID: 310647
CDBS Antenna System ID: 62437

Theoretical pattern RMS: 284.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	228.43	240.09	
5	210.22	220.98	
10	192.02	201.89	
15	174.09	183.09	
20	156.66	164.83	
25	139.98	147.36	
30	124.28	130.91	
35	109.74	115.71	
40	96.56	101.93	
45	84.89	89.75	
50	74.86	79.30	
55	66.59	70.70	
60	60.16	64.03	
65	55.63	59.35	
70	53.06	56.69	
75	52.46	56.08	
80	53.85	57.51	
85	57.21	60.98	
90	62.50	66.46	
95	69.68	73.91	
100	78.67	83.26	
105	89.37	94.42	
110	101.66	107.26	
115	115.40	121.63	
120	130.43	137.35	
125	146.55	154.24	
130	163.55	172.05	
135	181.21	190.56	
140	199.28	209.51	
145	217.52	228.64	
150	235.67	247.67	
155	253.49	266.37	
160	270.74	284.47	
165	287.23	301.77	
170	302.75	318.06	
175	317.16	333.19	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	330.35	347.02	
185	342.23	359.49	
190	352.76	370.55	
195	361.95	380.19	
200	369.82	388.46	
205	376.45	395.41	
210	381.93	401.16	
215	386.35	405.81	
220	389.86	409.48	
225	392.56	412.33	
230	394.60	414.46	
235	396.08	416.01	
240	397.11	417.09	
245	397.77	417.79	
250	398.12	418.15	
255	398.20	418.24	
260	398.01	418.04	
265	397.54	417.55	
270	396.74	416.71	
275	395.55	415.46	
280	393.86	413.68	
285	391.57	411.28	
290	388.56	408.12	
295	384.70	404.07	
300	379.87	399.00	
305	373.94	392.78	
310	366.83	385.31	
315	358.43	376.50	
320	348.71	366.30	
325	337.64	354.67	
330	325.23	341.65	
335	311.54	327.29	
340	296.67	311.68	
345	280.74	294.96	
350	263.92	277.32	
355	246.41	258.95	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission