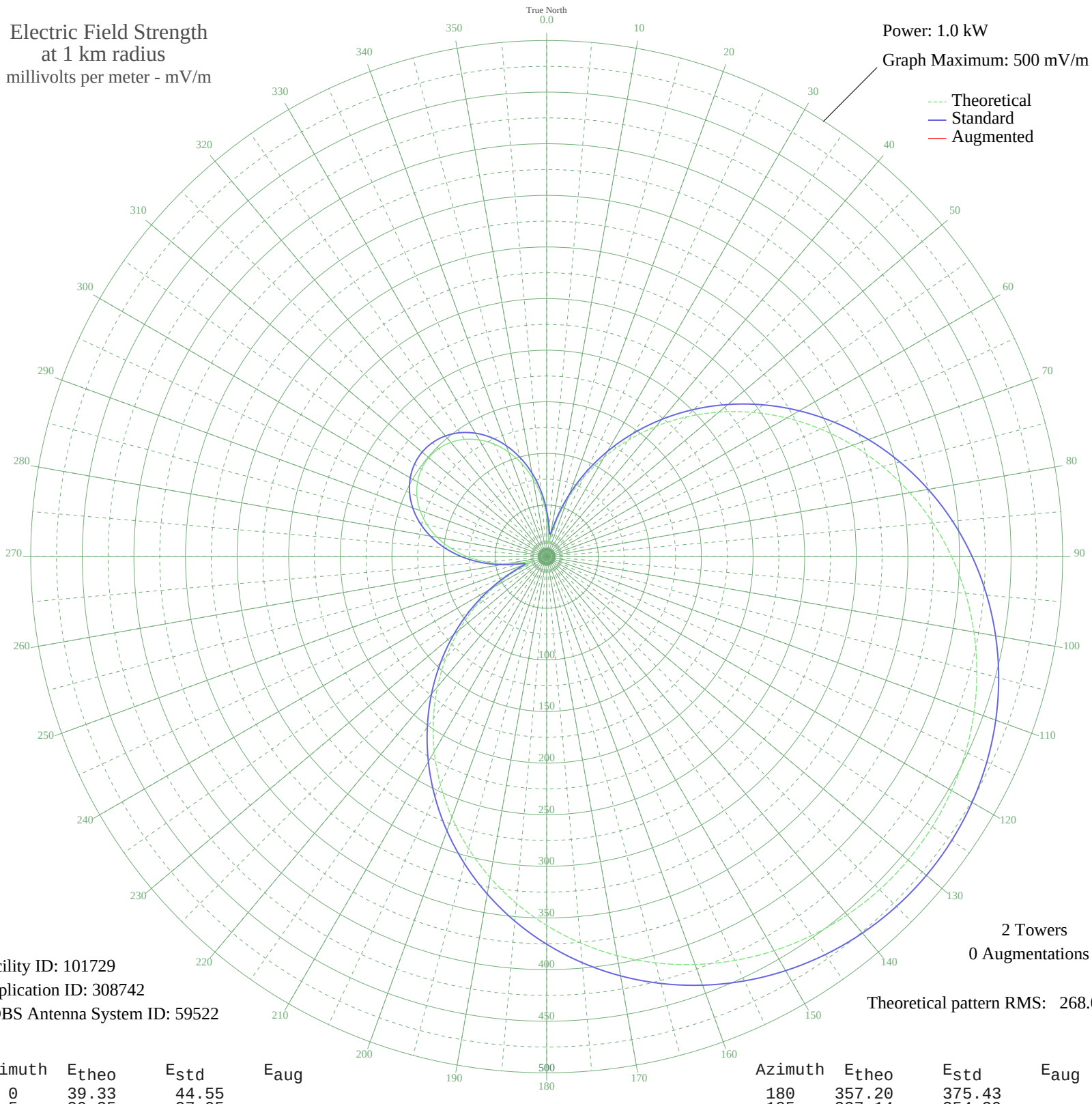
ZYK660 S JOSE CAMPO, - Brazil -- 1120 kHz

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

2 Towers
0 Augmentations

Facility ID: 101729
Application ID: 308742
CDBS Antenna System ID: 59522

Theoretical pattern RMS: 268.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	39.33	44.55	
5	20.25	27.05	
10	15.45	23.30	
15	34.81	40.20	
20	58.99	64.16	
25	84.59	90.38	
30	110.95	117.69	
35	137.72	145.57	
40	164.62	173.66	
45	191.40	201.66	
50	217.82	229.32	
55	243.65	256.38	
60	268.69	282.62	
65	292.73	307.82	
70	315.60	331.80	
75	337.14	354.39	
80	357.20	375.43	
85	375.65	394.79	
90	392.40	412.36	
95	407.34	428.04	
100	420.42	441.76	
105	431.57	453.46	
110	440.75	463.09	
115	447.92	470.61	
120	453.05	476.00	
125	456.14	479.24	
130	457.17	480.32	
135	456.14	479.24	
140	453.05	476.00	
145	447.92	470.61	
150	440.75	463.09	
155	431.57	453.46	
160	420.42	441.76	
165	407.34	428.04	
170	392.40	412.36	
175	375.65	394.79	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	357.20	375.43	
185	337.14	354.39	
190	315.60	331.80	
195	292.73	307.82	
200	268.69	282.62	
205	243.65	256.38	
210	217.82	229.32	
215	191.40	201.66	
220	164.62	173.66	
225	137.72	145.57	
230	110.95	117.69	
235	84.59	90.38	
240	58.99	64.16	
245	34.81	40.20	
250	15.45	23.30	
255	20.25	27.05	
260	39.33	44.55	
265	58.72	63.89	
270	76.83	82.39	
275	93.24	99.32	
280	107.75	114.37	
285	120.23	127.34	
290	130.56	138.10	
295	138.67	146.56	
300	144.51	152.65	
305	148.03	156.32	
310	149.20	157.55	
315	148.03	156.32	
320	144.51	152.65	
325	138.67	146.56	
330	130.56	138.10	
335	120.23	127.34	
340	107.75	114.37	
345	93.24	99.32	
350	76.83	82.39	
355	58.72	63.89	

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.

17 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission