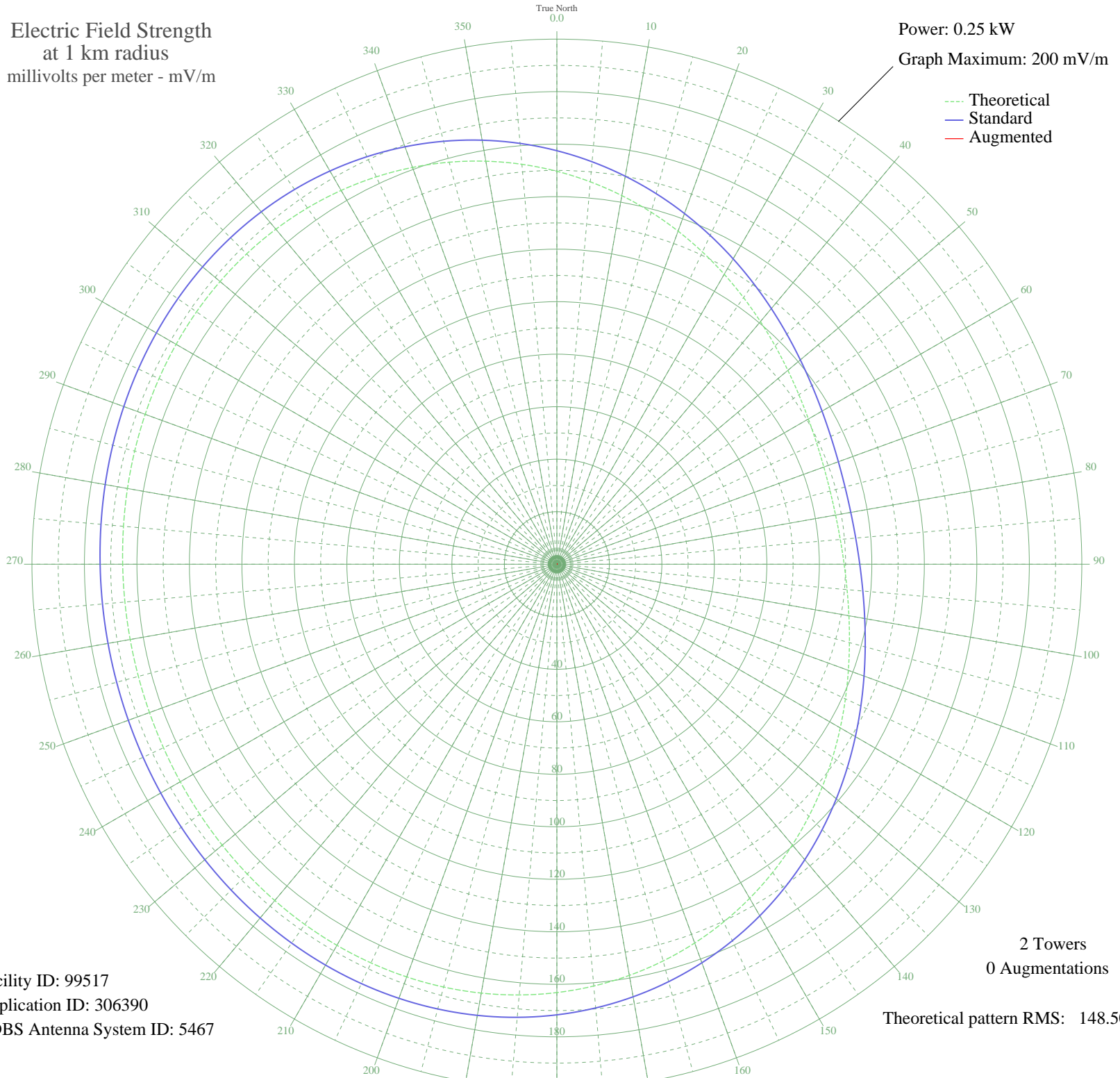


# ZYK-561 BEBEDOURO, - Brazil -- 690 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 200 mV/m



Facility ID: 99517  
Application ID: 306390  
CDBS Antenna System ID: 5467

2 Towers  
0 Augmentations

Theoretical pattern RMS: 148.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	149.67	157.51	
5	146.21	153.88	
10	142.57	150.06	
15	138.81	146.13	
20	135.01	142.15	
25	131.23	138.19	
30	127.53	134.31	
35	123.98	130.60	
40	120.65	127.12	
45	117.60	123.93	
50	114.88	121.08	
55	112.55	118.64	
60	110.64	116.65	
65	109.20	115.14	
70	108.24	114.13	
75	107.78	113.65	
80	107.83	113.71	
85	108.39	114.29	
90	109.45	115.40	
95	110.99	117.01	
100	112.99	119.10	
105	115.40	121.62	
110	118.18	124.54	
115	121.30	127.79	
120	124.67	131.33	
125	128.26	135.08	
130	131.98	138.97	
135	135.77	142.95	
140	139.57	146.93	
145	143.31	150.84	
150	146.92	154.62	
155	150.34	158.20	
160	153.52	161.54	
165	156.43	164.58	
170	159.01	167.29	
175	161.25	169.64	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	163.14	171.62	
185	164.68	173.23	
190	165.86	174.47	
195	166.71	175.37	
200	167.27	175.94	
205	167.55	176.24	
210	167.60	176.29	
215	167.47	176.16	
220	167.21	175.88	
225	166.85	175.51	
230	166.45	175.09	
235	166.05	174.67	
240	165.68	174.28	
245	165.38	173.97	
250	165.17	173.75	
255	165.07	173.64	
260	165.08	173.65	
265	165.21	173.78	
270	165.44	174.03	
275	165.75	174.36	
280	166.13	174.75	
285	166.53	175.18	
290	166.93	175.59	
295	167.27	175.95	
300	167.51	176.20	
305	167.61	176.30	
310	167.51	176.20	
315	167.18	175.85	
320	166.57	175.21	
325	165.65	174.25	
330	164.40	172.94	
335	162.80	171.26	
340	160.83	169.20	
345	158.52	166.78	
350	155.87	164.00	
355	152.91	160.90	