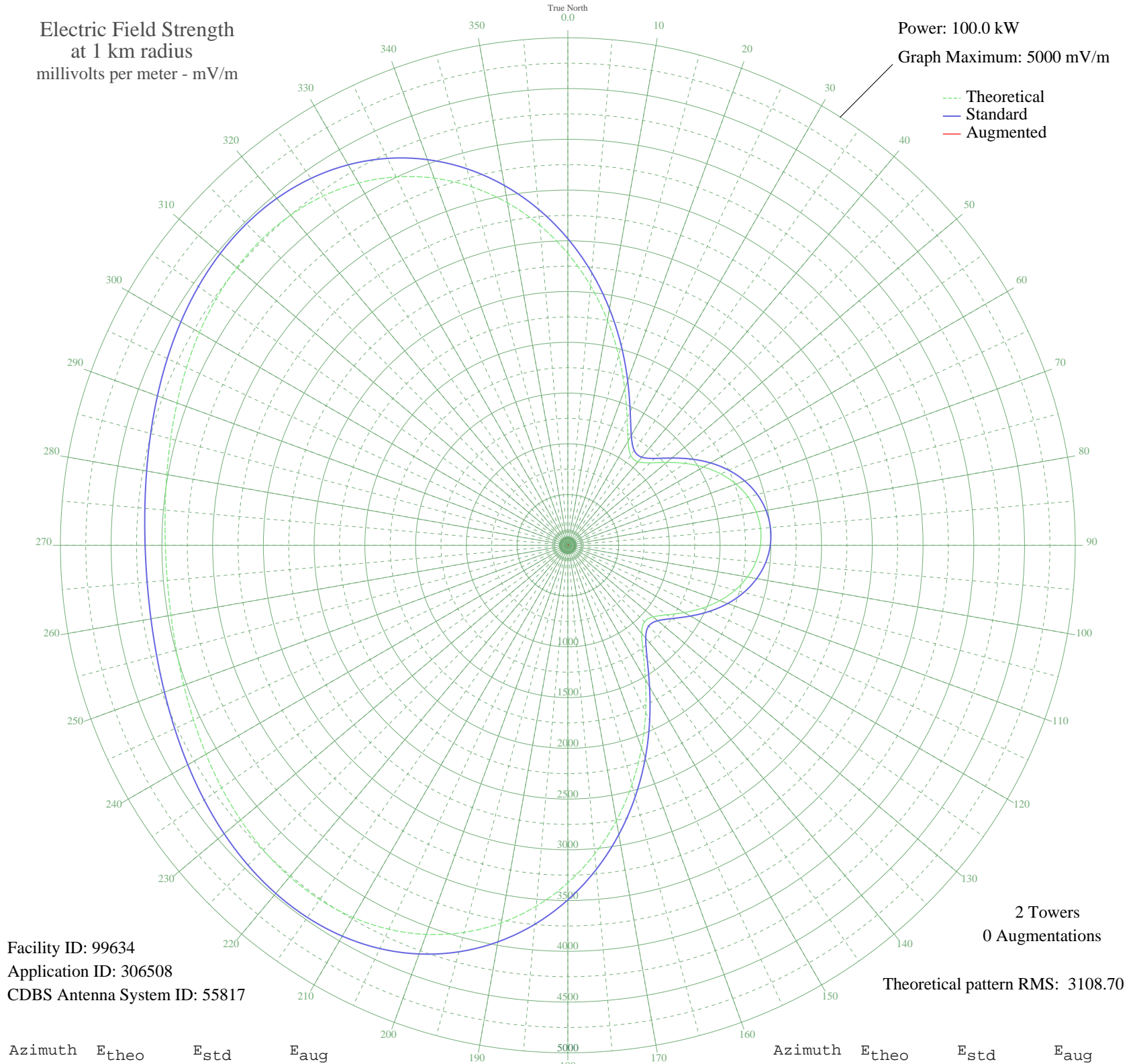


# ZYK276 PT ALEGRE, - Brazil -- 720 kHz

Nighttime

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

Power: 100.0 kW  
Graph Maximum: 5000 mV/m



Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2875.55	3021.16	
5	2567.43	2697.85	
10	2249.98	2364.82	
15	1935.40	2034.88	
20	1639.14	1724.30	
25	1381.25	1454.10	
30	1186.96	1250.73	
35	1081.64	1140.56	
40	1074.93	1133.55	
45	1148.81	1210.81	
50	1269.68	1337.30	
55	1407.69	1481.80	
60	1543.00	1623.55	
65	1663.85	1750.19	
70	1763.51	1854.66	
75	1838.25	1933.02	
80	1886.04	1983.12	
85	1905.86	2003.91	
90	1897.36	1994.99	
95	1860.68	1956.53	
100	1796.54	1889.29	
105	1706.52	1794.92	
110	1593.54	1676.51	
115	1462.95	1539.68	
120	1324.16	1394.33	
125	1193.41	1257.47	
130	1096.60	1156.21	
135	1067.52	1125.81	
140	1133.05	1194.33	
145	1294.36	1363.13	
150	1530.07	1610.00	
155	1813.70	1907.27	
160	2123.03	2231.65	
165	2440.95	2565.15	
170	2754.10	2893.71	
175	3051.80	3206.11	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3325.54	3493.40	
185	3568.80	3748.71	
190	3776.98	3967.22	
195	3947.44	4146.14	
200	4079.37	4284.62	
205	4173.75	4383.70	
210	4233.10	4446.00	
215	4261.23	4475.53	
220	4262.93	4477.31	
225	4243.61	4457.03	
230	4209.03	4420.73	
235	4164.90	4374.41	
240	4116.69	4323.80	
245	4069.35	4274.11	
250	4027.16	4229.83	
255	3993.60	4194.60	
260	3971.26	4171.14	
265	3961.78	4161.20	
270	3965.86	4165.48	
275	3983.20	4183.68	
280	4012.54	4214.47	
285	4051.65	4255.52	
290	4097.40	4303.55	
295	4145.82	4354.38	
300	4192.21	4403.07	
305	4231.29	4444.10	
310	4257.41	4471.51	
315	4264.79	4479.26	
320	4247.85	4461.48	
325	4201.51	4412.83	
330	4121.52	4328.87	
335	4004.81	4206.36	
340	3849.78	4043.63	
345	3656.47	3840.73	
350	3426.80	3599.67	
355	3164.58	3324.46	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission