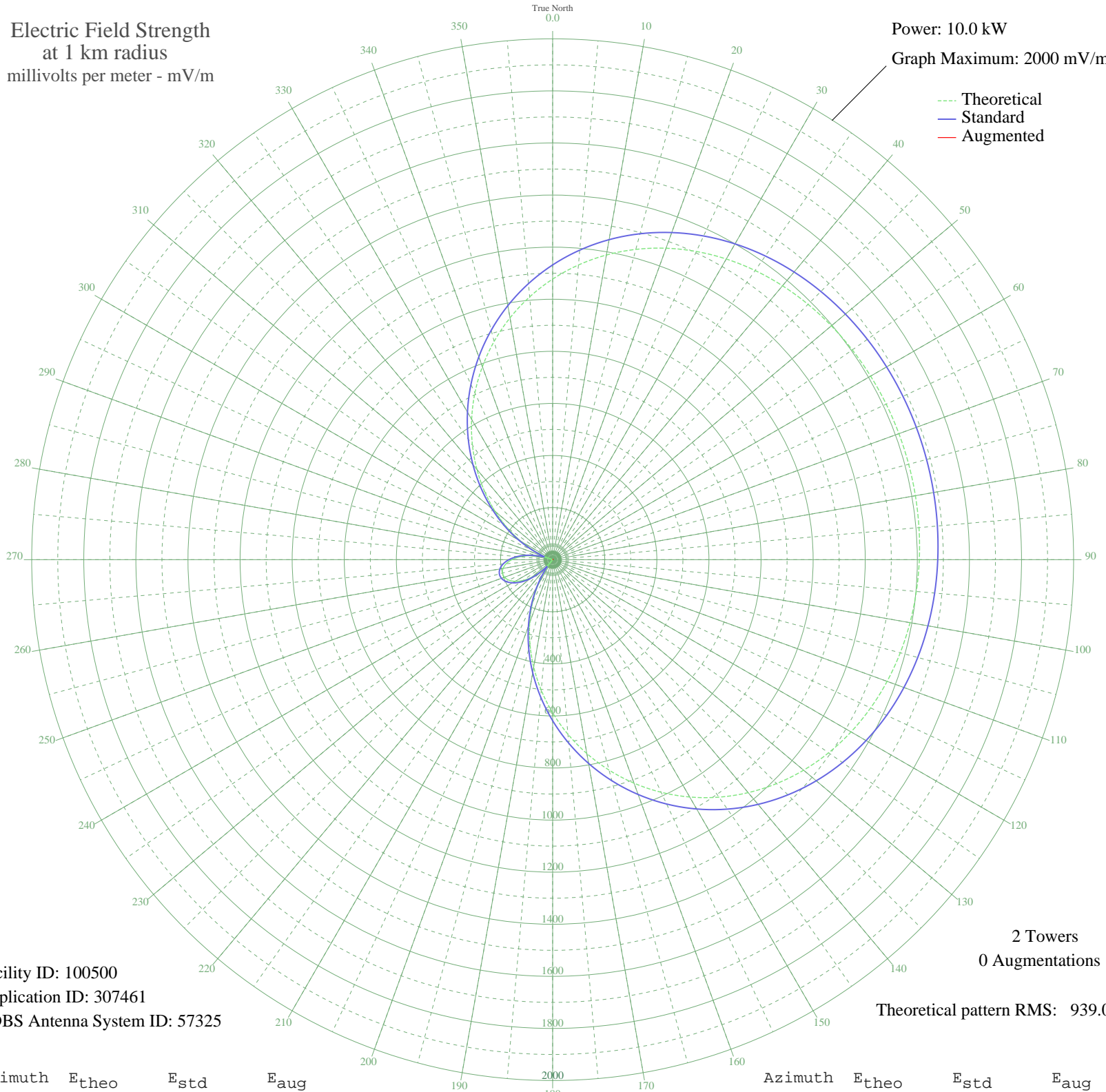


# ZYL-212 BELO HORIZON, - Brazil -- 950 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100500  
Application ID: 307461  
CDBS Antenna System ID: 57325

2 Towers  
0 Augmentations

Theoretical pattern RMS: 939.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1077.42	1131.78	
5	1135.84	1193.09	
10	1187.87	1247.70	
15	1233.43	1295.53	
20	1272.62	1336.67	
25	1305.71	1371.40	
30	1333.11	1400.16	
35	1355.32	1423.47	
40	1372.93	1441.96	
45	1386.57	1456.27	
50	1396.84	1467.05	
55	1404.31	1474.90	
60	1409.52	1480.36	
65	1412.85	1483.87	
70	1414.64	1485.74	
75	1415.04	1486.16	
80	1414.10	1485.17	
85	1411.72	1482.68	
90	1407.68	1478.44	
95	1401.62	1472.08	
100	1393.09	1463.13	
105	1381.55	1451.01	
110	1366.40	1435.10	
115	1347.02	1414.76	
120	1322.80	1389.34	
125	1293.19	1358.25	
130	1257.70	1321.00	
135	1215.98	1277.21	
140	1167.83	1226.67	
145	1113.23	1169.36	
150	1052.33	1105.44	
155	985.50	1035.31	
160	913.32	959.56	
165	836.51	878.97	
170	756.00	794.49	
175	672.81	707.23	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	588.08	618.37	
185	502.97	529.17	
190	418.70	440.89	
195	336.42	354.80	
200	257.24	272.14	
205	182.18	194.15	
210	112.14	122.34	
215	47.93	60.29	
220	9.81	34.76	
225	60.51	71.69	
230	103.75	113.89	
235	139.20	149.88	
240	166.61	178.07	
245	185.82	197.91	
250	196.71	209.20	
255	199.23	211.81	
260	193.36	205.72	
265	179.13	190.99	
270	156.62	167.77	
275	125.97	136.38	
280	87.37	97.57	
285	41.10	54.45	
290	12.47	35.69	
295	72.87	83.41	
300	139.50	150.19	
305	211.65	224.70	
310	288.47	304.71	
315	369.02	388.89	
320	452.24	476.01	
325	536.98	564.81	
330	622.08	654.03	
335	706.34	742.40	
340	788.59	828.68	
345	867.74	911.73	
350	942.79	990.49	
355	1012.91	1064.08	

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