

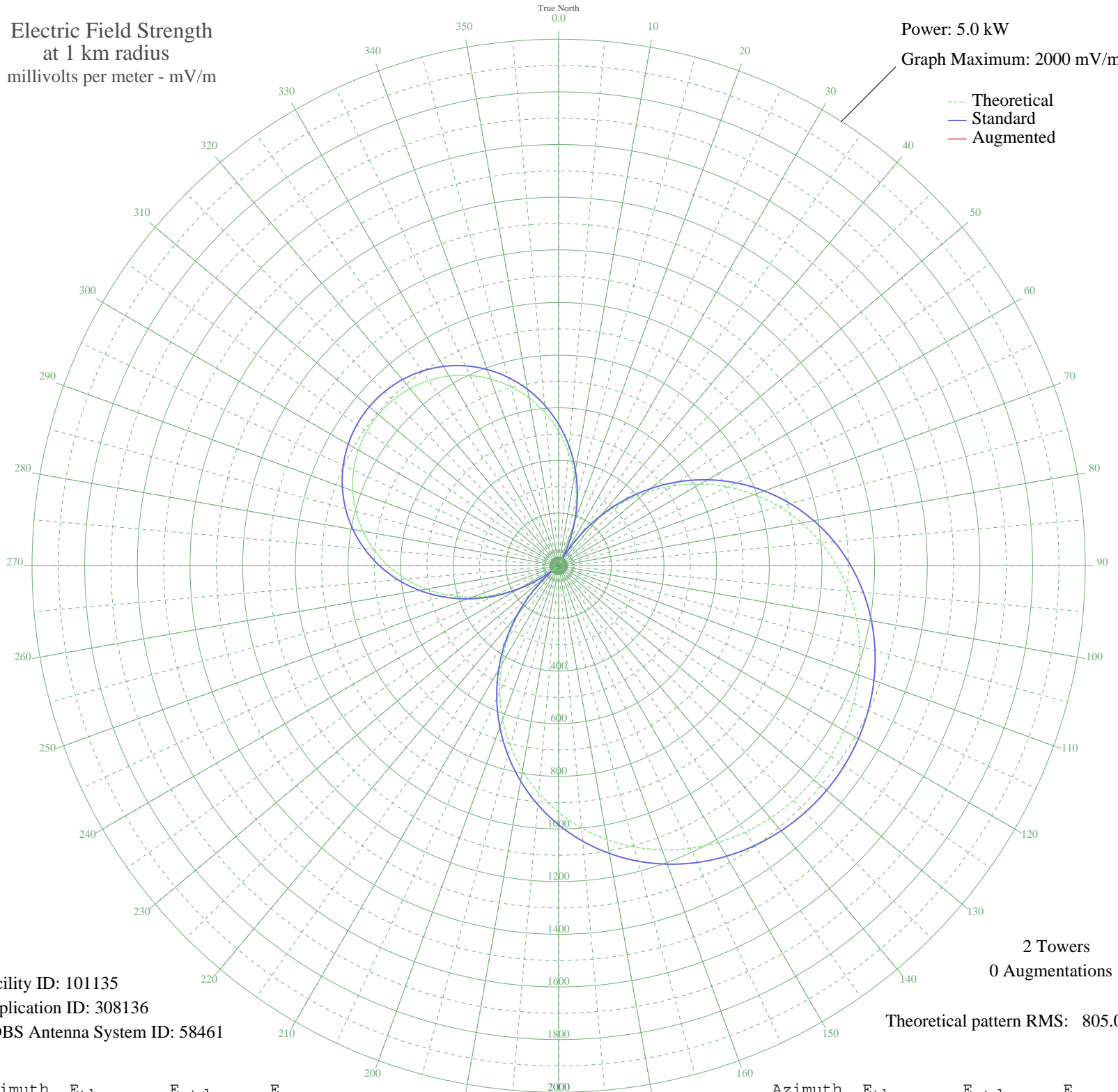
# ZYL278 PEDRO LEOPOL, - Brazil -- 1060 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 101135  
Application ID: 308136  
CDBS Antenna System ID: 58461

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 805.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	510.83	537.40	
5	432.73	455.58	
10	348.74	367.68	
15	259.54	274.53	
20	165.92	177.35	
25	68.80	79.50	
30	30.83	46.35	
35	131.90	142.42	
40	233.33	247.23	
45	333.99	352.26	
50	432.81	455.66	
55	528.77	556.20	
60	620.93	652.82	
65	708.45	744.62	
70	790.63	830.83	
75	866.89	910.84	
80	936.79	984.19	
85	1000.03	1050.56	
90	1056.43	1109.75	
95	1105.91	1161.68	
100	1148.47	1206.35	
105	1184.18	1243.83	
110	1213.15	1274.24	
115	1235.52	1297.72	
120	1251.39	1314.38	
125	1260.87	1324.33	
130	1264.02	1327.63	
135	1260.87	1324.33	
140	1251.39	1314.38	
145	1235.52	1297.72	
150	1213.15	1274.24	
155	1184.18	1243.83	
160	1148.47	1206.35	
165	1105.91	1161.68	
170	1056.43	1109.75	
175	1000.04	1050.56	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	936.79	984.19	
185	866.89	910.84	
190	790.63	830.83	
195	708.45	744.62	
200	620.93	652.82	
205	528.78	556.20	
210	432.81	455.67	
215	333.99	352.26	
220	233.33	247.23	
225	131.90	142.42	
230	30.83	46.36	
235	68.80	79.50	
240	165.92	177.35	
245	259.54	274.53	
250	348.74	367.68	
255	432.73	455.58	
260	510.83	537.40	
265	582.47	612.49	
270	647.21	680.38	
275	704.73	740.71	
280	754.79	793.22	
285	797.24	837.76	
290	832.01	874.24	
295	859.05	902.61	
300	878.36	922.87	
305	889.94	935.02	
310	893.80	939.07	
315	889.94	935.02	
320	878.36	922.87	
325	859.05	902.61	
330	832.01	874.24	
335	797.24	837.76	
340	754.79	793.22	
345	704.73	740.71	
350	647.21	680.38	
355	582.47	612.49	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission