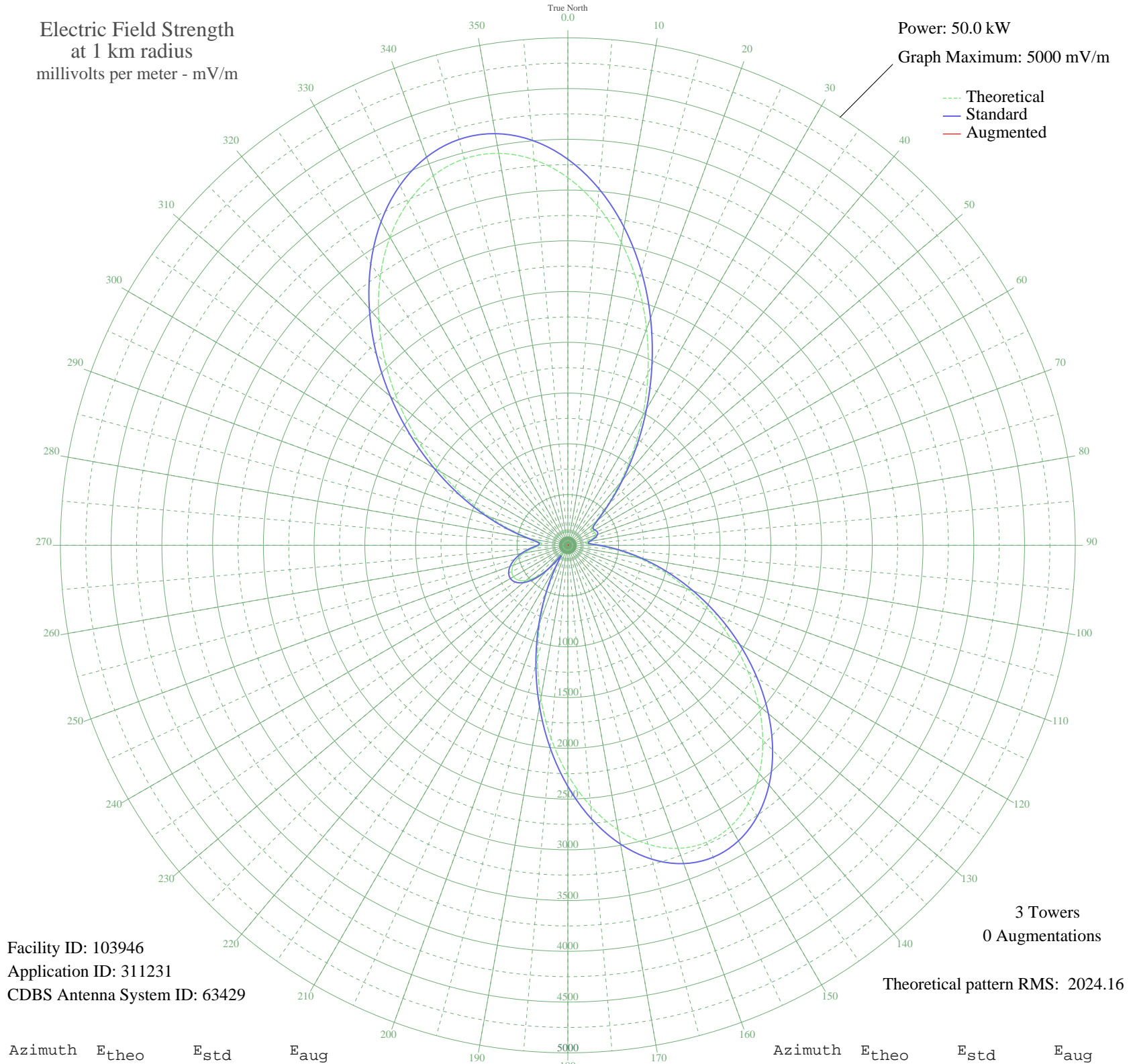


ZYL241 ITABIRITO, - Brazil -- 1340 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 103946
Application ID: 311231
CDBS Antenna System ID: 63429

3 Towers
0 Augmentations
Theoretical pattern RMS: 2024.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3622.00	3803.83	
5	3357.12	3525.76	
10	3032.02	3184.49	
15	2663.07	2797.21	
20	2268.44	2383.02	
25	1866.79	1961.54	
30	1476.23	1551.82	
35	1113.56	1171.59	
40	794.41	837.43	
45	534.91	566.54	
50	356.04	381.14	
55	279.28	302.50	
60	280.72	303.96	
65	295.82	319.37	
70	287.86	311.24	
75	249.30	272.09	
80	194.67	217.47	
85	185.09	208.05	
90	289.24	312.64	
95	472.89	502.05	
100	702.51	741.37	
105	964.65	1015.60	
110	1250.80	1315.44	
115	1552.84	1632.17	
120	1861.63	1956.12	
125	2166.65	2276.19	
130	2456.02	2579.89	
135	2716.89	2853.70	
140	2936.13	3083.83	
145	3101.21	3257.11	
150	3201.27	3362.15	
155	3228.15	3390.37	
160	3177.34	3337.03	
165	3048.63	3201.92	
170	2846.42	2989.66	
175	2579.56	2709.55	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2260.78	2374.98	
185	1905.72	2002.39	
190	1531.65	1609.94	
195	1156.12	1216.19	
200	795.77	838.85	
205	465.84	494.74	
210	185.58	208.53	
215	122.84	148.83	
220	296.74	320.30	
225	440.50	468.45	
230	539.86	571.69	
235	597.49	631.74	
240	618.48	653.64	
245	608.37	643.09	
250	572.22	605.40	
255	514.27	545.06	
260	438.54	466.41	
265	351.80	376.78	
270	274.58	297.72	
275	265.09	288.07	
280	374.53	400.20	
285	571.95	605.12	
290	825.24	869.68	
295	1120.74	1179.12	
300	1449.86	1524.17	
305	1803.77	1895.42	
310	2171.77	2281.57	
315	2541.04	2669.13	
320	2896.92	3042.67	
325	3223.63	3385.62	
330	3505.23	3681.24	
335	3726.79	3913.84	
340	3875.59	4070.05	
345	3942.23	4140.01	
350	3921.57	4118.32	
355	3813.27	4004.62	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission