

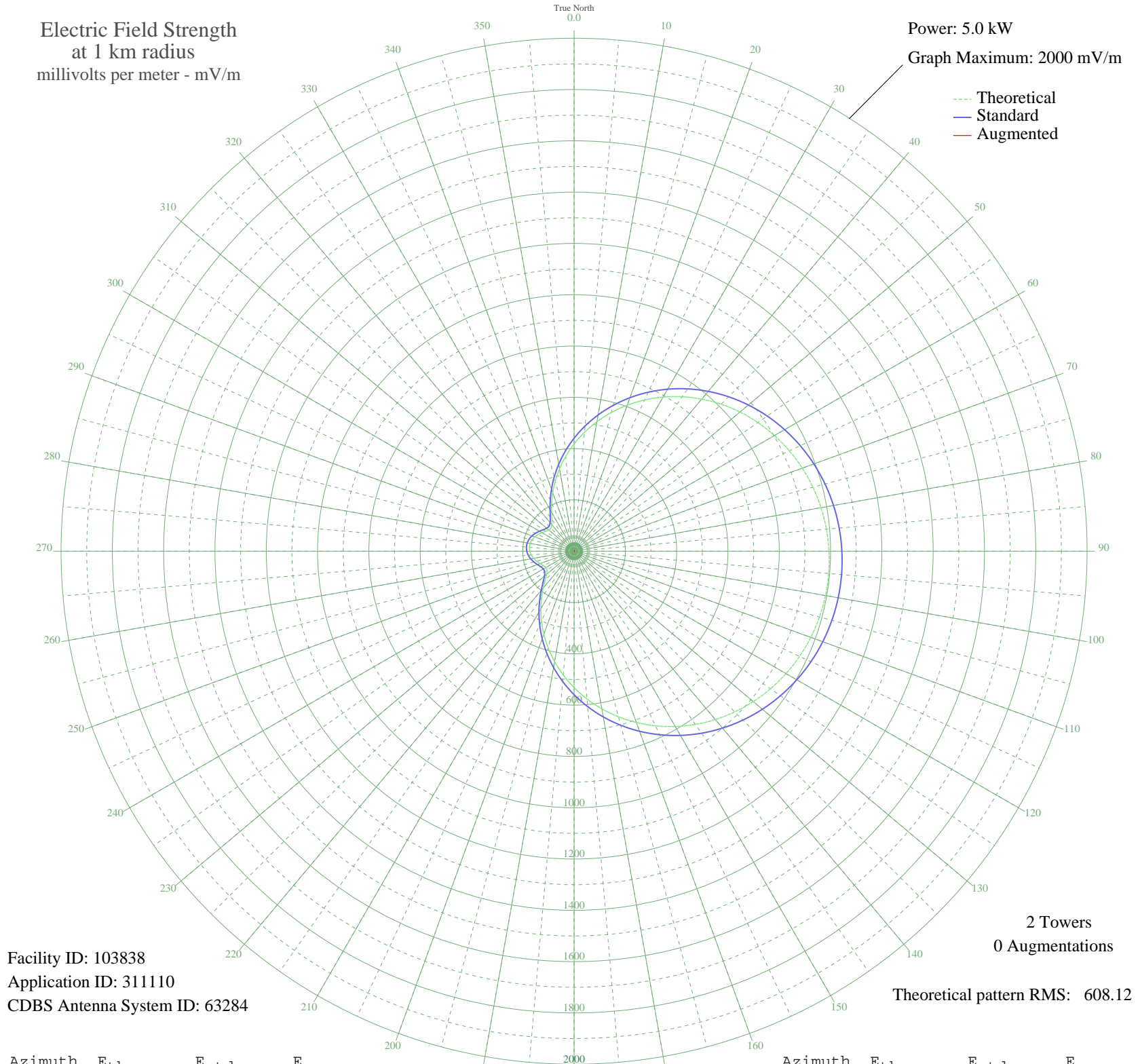
ZYK803 OSASCO, - Brazil -- 1330 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 103838
Application ID: 311110
CDBS Antenna System ID: 63284

2 Towers
0 Augmentations

Theoretical pattern RMS: 608.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	418.14	440.37	
5	465.34	489.79	
10	512.66	539.37	
15	559.62	588.59	
20	605.75	636.95	
25	650.63	684.01	
30	693.87	729.36	
35	735.13	772.64	
40	774.10	813.52	
45	810.50	851.70	
50	844.09	886.95	
55	874.68	919.05	
60	902.10	947.82	
65	926.20	973.11	
70	946.87	994.80	
75	964.03	1012.80	
80	977.60	1027.05	
85	987.54	1037.48	
90	993.81	1044.06	
95	996.40	1046.78	
100	995.29	1045.61	
105	990.49	1040.57	
110	982.02	1031.68	
115	969.89	1018.95	
120	954.16	1002.45	
125	934.88	982.22	
130	912.14	958.36	
135	886.04	930.97	
140	856.70	900.18	
145	824.28	866.17	
150	788.98	829.13	
155	751.01	789.30	
160	710.63	746.94	
165	668.14	702.38	
170	623.87	655.95	
175	578.20	608.06	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	531.52	559.13	
185	484.28	509.63	
190	436.97	460.08	
195	390.12	411.04	
200	344.31	363.13	
205	300.21	317.05	
210	258.59	273.65	
215	220.42	233.93	
220	186.88	199.17	
225	159.50	170.91	
230	139.94	150.84	
235	129.40	140.08	
240	127.59	138.24	
245	132.43	143.16	
250	141.03	151.95	
255	150.84	162.00	
260	160.04	171.47	
265	167.48	179.12	
270	172.44	184.24	
275	174.54	186.41	
280	173.63	185.47	
285	169.79	181.50	
290	163.28	174.80	
295	154.67	165.94	
300	144.92	155.94	
305	135.57	146.37	
310	128.89	139.55	
315	127.71	138.36	
320	134.62	145.40	
325	150.65	161.81	
330	175.10	186.99	
335	206.37	219.35	
340	242.85	257.26	
345	283.21	299.32	
350	326.42	344.43	
355	371.63	391.70	