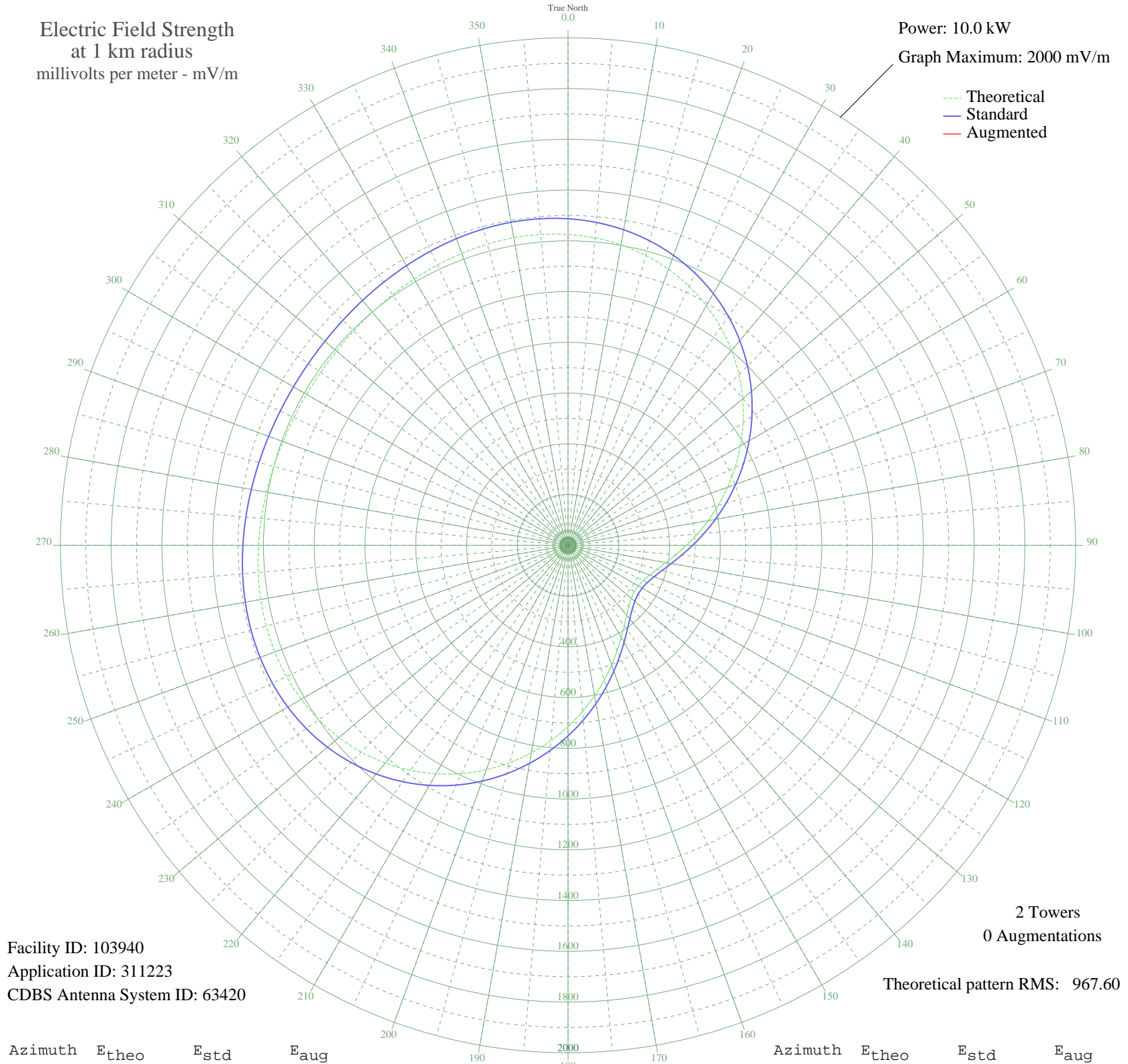


# ZYK-352 IJUI, - Brazil -- 1340 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 103940  
Application ID: 311223  
CDBS Antenna System ID: 63420

2 Towers  
0 Augmentations

Theoretical pattern RMS: 967.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1225.19	1286.88	
5	1216.11	1277.34	
10	1202.05	1262.59	
15	1182.60	1242.17	
20	1157.51	1215.84	
25	1126.71	1183.51	
30	1090.33	1145.33	
35	1048.67	1101.61	
40	1002.24	1052.88	
45	951.71	999.85	
50	897.88	943.36	
55	841.67	884.38	
60	784.08	823.95	
65	726.14	763.17	
70	668.89	703.12	
75	613.36	644.88	
80	560.49	589.45	
85	511.19	537.78	
90	466.25	490.69	
95	426.36	448.91	
100	392.13	413.07	
105	364.02	383.66	
110	342.43	361.08	
115	327.64	345.62	
120	319.84	337.47	
125	319.13	336.73	
130	325.52	343.40	
135	338.92	357.41	
140	359.17	378.59	
145	386.00	406.66	
150	419.05	441.25	
155	457.85	481.89	
160	501.83	527.97	
165	550.32	578.79	
170	602.54	633.54	
175	657.62	691.29	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	714.60	751.06	
185	772.48	811.79	
190	830.23	872.37	
195	886.80	931.73	
200	941.18	988.80	
205	992.44	1042.59	
210	1039.75	1092.24	
215	1082.40	1137.01	
220	1119.88	1176.34	
225	1151.81	1209.85	
230	1178.04	1237.39	
235	1198.60	1258.97	
240	1213.71	1274.83	
245	1223.75	1285.36	
250	1229.24	1291.13	
255	1230.84	1292.81	
260	1229.25	1291.14	
265	1225.25	1286.95	
270	1219.63	1281.04	
275	1213.12	1274.21	
280	1206.46	1267.22	
285	1200.26	1260.71	
290	1195.07	1255.26	
295	1191.30	1251.31	
300	1189.24	1249.15	
305	1189.05	1248.95	
310	1190.74	1250.72	
315	1194.19	1254.34	
320	1199.13	1259.52	
325	1205.16	1265.86	
330	1211.78	1272.81	
335	1218.37	1279.72	
340	1224.23	1285.87	
345	1228.62	1290.48	
350	1230.75	1292.71	
355	1229.85	1291.77	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission