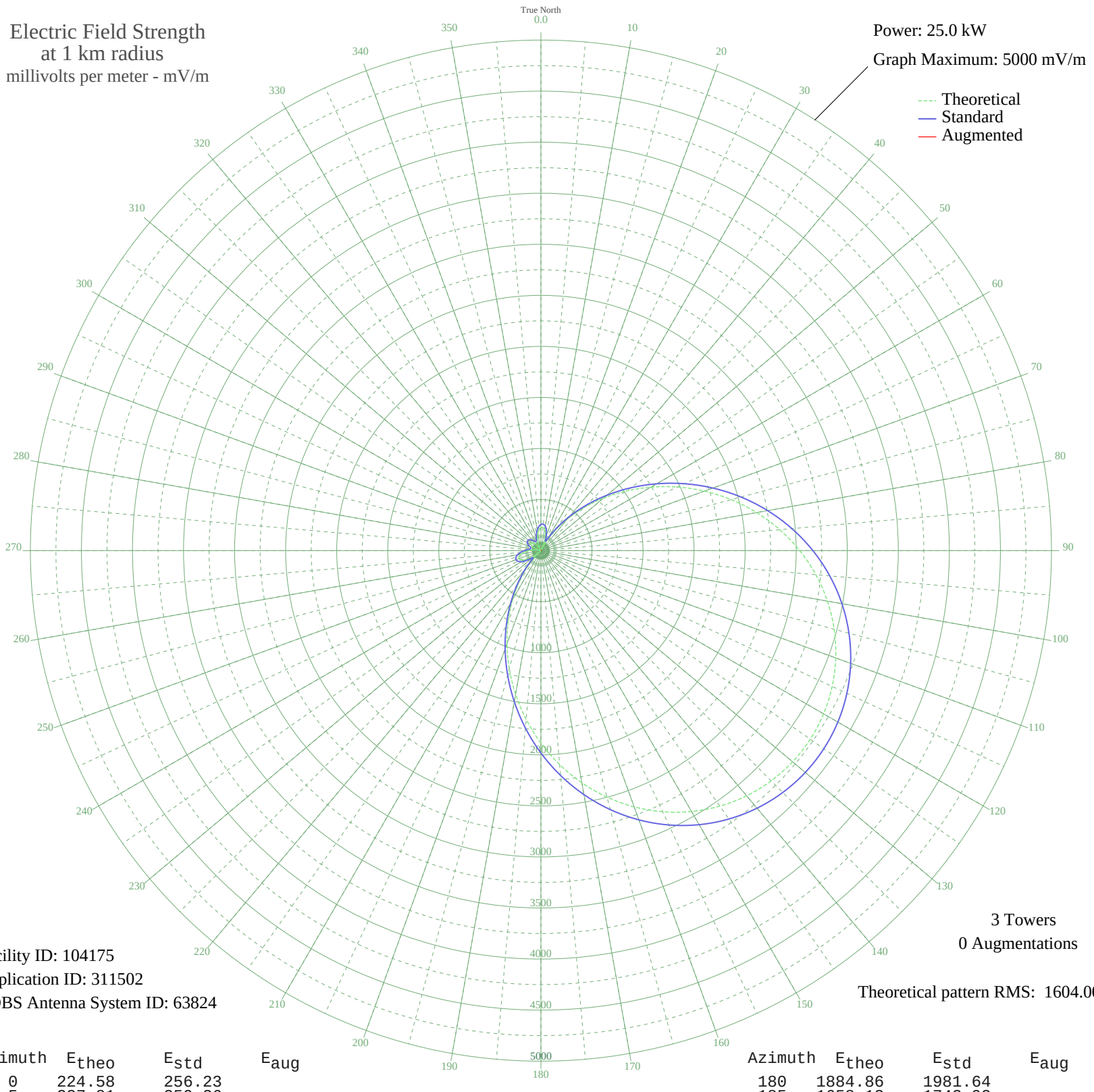
- ITAPEVI, - Brazil -- 1370 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 104175
Application ID: 311502
CDBS Antenna System ID: 63824

Theoretical pattern RMS: 1604.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	224.58	256.23	
5	227.81	259.36	
10	211.13	243.29	
15	171.72	206.29	
20	107.51	150.96	
25	17.28	101.87	
30	99.20	144.55	
35	241.17	272.35	
40	406.89	438.83	
45	593.65	631.34	
50	797.99	843.86	
55	1015.80	1071.29	
60	1242.55	1308.52	
65	1473.52	1550.44	
70	1703.96	1791.96	
75	1929.31	2028.25	
80	2145.37	2254.87	
85	2348.37	2467.82	
90	2535.07	2663.71	
95	2702.77	2839.68	
100	2849.31	2993.46	
105	2973.04	3123.30	
110	3072.71	3227.90	
115	3147.45	3306.34	
120	3196.69	3358.03	
125	3220.09	3382.58	
130	3217.49	3379.85	
135	3188.91	3349.85	
140	3134.53	3292.78	
145	3054.75	3209.05	
150	2950.18	3099.32	
155	2821.79	2964.57	
160	2670.86	2806.19	
165	2499.17	2626.04	
170	2308.98	2426.50	
175	2103.09	2210.52	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1884.86	1981.64	
185	1658.13	1743.92	
190	1427.22	1501.93	
195	1196.71	1260.54	
200	971.37	1024.85	
205	755.91	800.01	
210	554.77	591.07	
215	371.96	403.22	
220	210.81	242.99	
225	73.82	126.71	
230	37.44	107.67	
235	122.40	162.99	
240	181.53	215.35	
245	216.20	248.16	
250	228.66	260.18	
255	221.84	253.58	
260	199.17	231.91	
265	164.44	199.65	
270	121.55	162.28	
275	74.37	127.06	
280	26.57	104.05	
285	18.50	102.10	
290	57.93	117.25	
295	89.33	137.28	
300	110.88	153.63	
305	121.35	162.12	
310	120.18	161.15	
315	107.42	150.90	
320	83.79	133.37	
325	50.62	113.46	
330	9.85	100.77	
335	36.01	107.13	
340	83.96	133.49	
345	130.59	169.85	
350	172.16	206.70	
355	204.79	237.25	

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