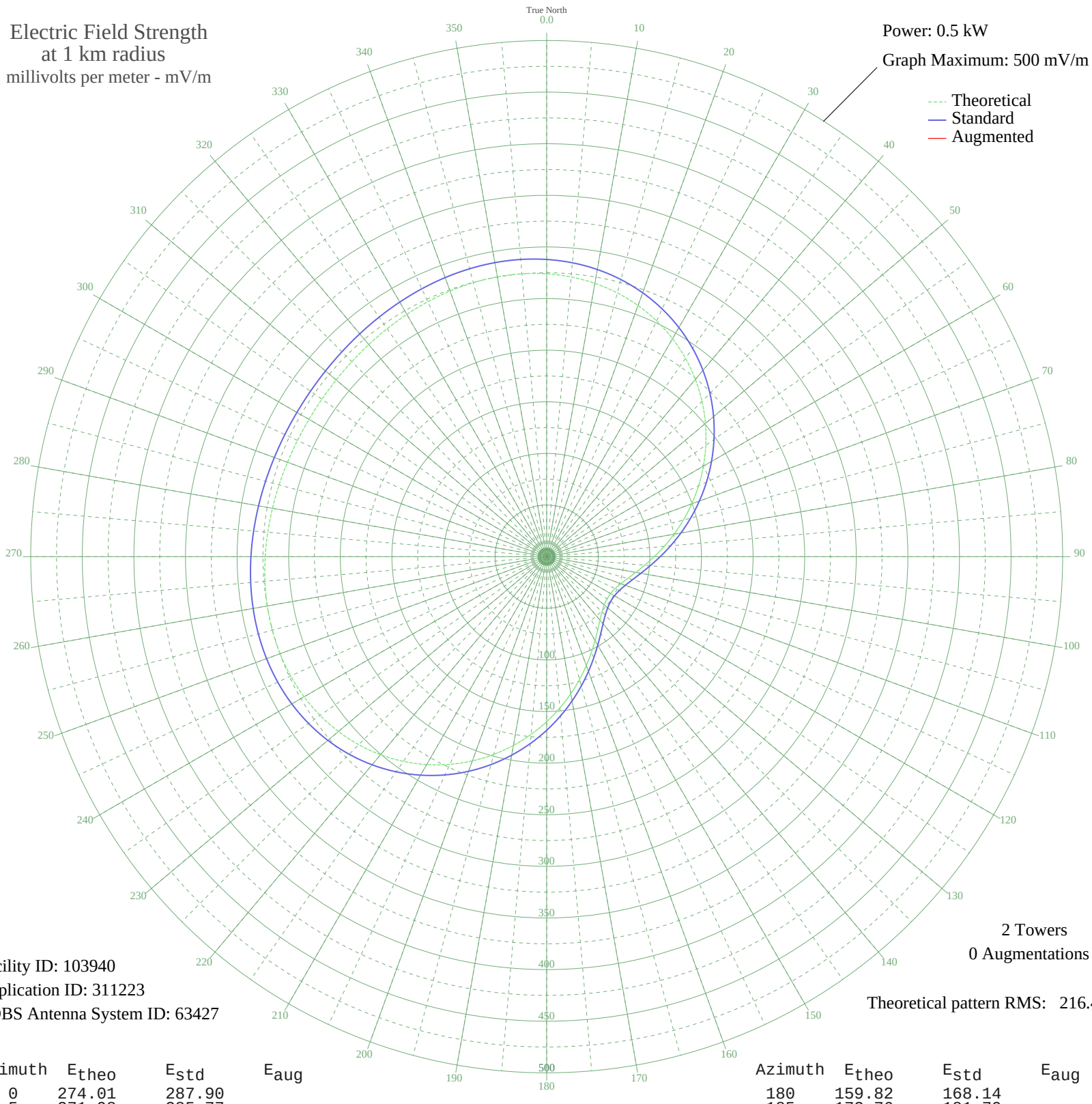
ZYK-352 IJUI, - Brazil -- 1340 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 103940
Application ID: 311223
CDBS Antenna System ID: 63427

Theoretical pattern RMS: 216.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	274.01	287.90	
5	271.98	285.77	
10	268.83	282.47	
15	264.48	277.91	
20	258.87	272.02	
25	251.98	264.79	
30	243.85	256.26	
35	234.53	246.48	
40	224.15	235.59	
45	212.85	223.74	
50	200.81	211.11	
55	188.24	197.93	
60	175.36	184.42	
65	162.40	170.84	
70	149.59	157.43	
75	137.17	144.42	
80	125.35	132.04	
85	114.33	120.50	
90	104.28	109.99	
95	95.35	100.67	
100	87.70	92.68	
105	81.41	86.12	
110	76.58	81.10	
115	73.28	77.65	
120	71.53	75.84	
125	71.37	75.67	
130	72.80	77.16	
135	75.80	80.28	
140	80.33	84.99	
145	86.33	91.25	
150	93.72	98.96	
155	102.40	108.03	
160	112.23	118.31	
165	123.08	129.66	
170	134.76	141.88	
175	147.07	154.78	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	159.82	168.14	
185	172.76	181.70	
190	185.68	195.24	
195	198.33	208.51	
200	210.49	221.27	
205	221.96	233.29	
210	232.54	244.39	
215	242.08	254.40	
220	250.46	263.19	
225	257.60	270.68	
230	263.46	276.84	
235	268.06	281.66	
240	271.44	285.21	
245	273.69	287.56	
250	274.92	288.85	
255	275.27	289.23	
260	274.92	288.85	
265	274.02	287.92	
270	272.76	286.60	
275	271.31	285.07	
280	269.82	283.51	
285	268.43	282.05	
290	267.27	280.83	
295	266.43	279.95	
300	265.97	279.47	
305	265.93	279.42	
310	266.31	279.82	
315	267.08	280.63	
320	268.18	281.79	
325	269.53	283.20	
330	271.01	284.75	
335	272.48	286.30	
340	273.80	287.68	
345	274.78	288.71	
350	275.25	289.21	
355	275.05	289.00	

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