

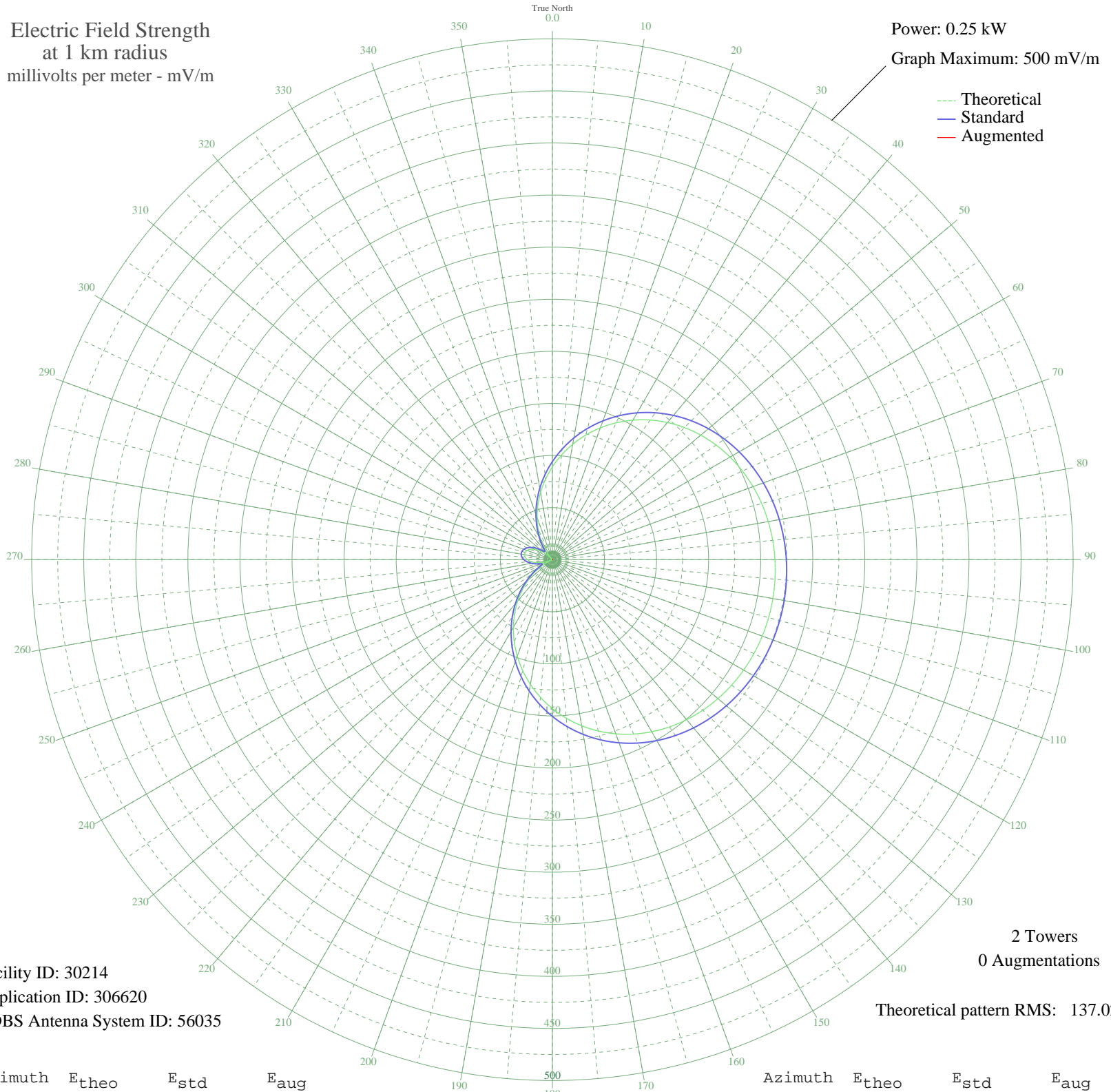
- CONCORDIA, - Brazil -- 750 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 30214
Application ID: 306620
CDBS Antenna System ID: 56035

2 Towers
0 Augmentations

Theoretical pattern RMS: 137.02

Azimuth	E _{theo}	E _{std}	E _{aug}
0	89.10	94.14	
5	100.89	106.46	
10	112.50	118.59	
15	123.79	130.40	
20	134.65	141.77	
25	144.96	152.57	
30	154.65	162.72	
35	163.63	172.13	
40	171.86	180.76	
45	179.32	188.58	
50	185.98	195.56	
55	191.85	201.72	
60	196.96	207.07	
65	201.33	211.66	
70	205.01	215.52	
75	208.04	218.70	
80	210.48	221.25	
85	212.35	223.22	
90	213.71	224.64	
95	214.58	225.56	
100	214.99	225.99	
105	214.95	225.94	
110	214.45	225.41	
115	213.48	224.40	
120	212.02	222.87	
125	210.04	220.79	
130	207.49	218.11	
135	204.33	214.80	
140	200.51	210.80	
145	196.00	206.06	
150	190.74	200.55	
155	184.71	194.23	
160	177.89	187.08	
165	170.28	179.10	
170	161.89	170.31	
175	152.76	160.75	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	142.95	150.46	
185	132.52	139.54	
190	121.56	128.07	
195	110.20	116.18	
200	98.55	104.00	
205	86.73	91.67	
210	74.90	79.35	
215	63.20	67.18	
220	51.75	55.34	
225	40.70	44.01	
230	30.18	33.38	
235	20.29	23.75	
240	11.14	15.72	
245	2.82	10.91	
250	4.59	11.55	
255	11.03	15.63	
260	16.44	20.21	
265	20.80	24.23	
270	24.06	27.36	
275	26.20	29.45	
280	27.22	30.45	
285	27.11	30.34	
290	25.87	29.12	
295	23.49	26.81	
300	20.01	23.49	
305	15.45	19.32	
310	9.82	14.72	
315	3.18	11.02	
320	4.41	11.48	
325	12.90	17.14	
330	22.21	25.57	
335	32.23	35.44	
340	42.87	46.23	
345	54.01	57.68	
350	65.52	69.59	
355	77.26	81.80	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission