KPRO RIVERSIDE, CA BL-- 1570 kHz

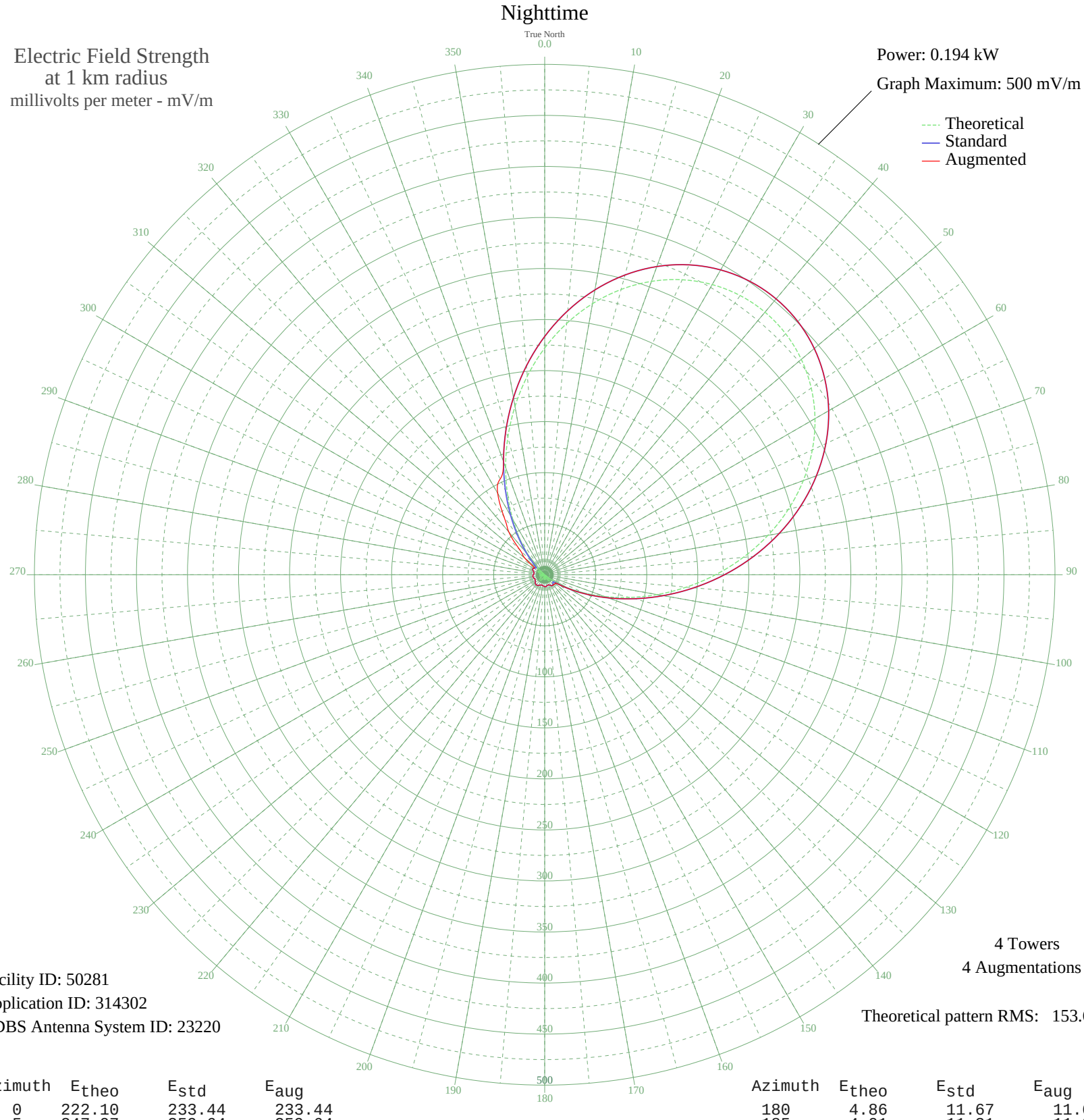
Nighttime

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

Power: 0.194 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented



4 Towers
4 Augmentations

Facility ID: 50281
Application ID: 314302
CDBS Antenna System ID: 23220

Theoretical pattern RMS: 153.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	222.10	233.44	233.44
5	247.07	259.64	259.64
10	269.65	283.32	283.32
15	289.35	304.00	304.00
20	305.83	321.30	321.30
25	318.85	334.96	334.96
30	328.24	344.81	344.81
35	333.91	350.76	350.76
40	335.80	352.75	352.75
45	333.91	350.76	350.76
50	328.24	344.81	344.81
55	318.85	334.96	334.96
60	305.83	321.30	321.30
65	289.35	304.00	304.00
70	269.65	283.32	283.32
75	247.07	259.64	259.64
80	222.10	233.44	233.44
85	195.33	205.37	205.37
90	167.49	176.18	176.18
95	139.39	146.74	146.74
100	111.91	117.98	117.98
105	85.94	90.84	90.84
110	62.28	66.24	66.24
115	41.65	44.98	44.98
120	24.54	27.82	27.82
125	11.22	15.78	15.81
130	1.72	10.65	13.22
135	4.22	11.40	13.34
140	7.05	12.85	12.85
145	7.39	13.06	13.06
150	5.97	12.23	12.23
155	3.52	11.13	11.13
160	0.72	10.53	10.53
165	1.85	10.68	10.68
170	3.78	11.22	11.22
175	4.81	11.65	11.65

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.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	4.86	11.67	11.67
185	4.01	11.31	11.31
190	2.42	10.80	10.80
195	0.37	10.51	10.51
200	1.85	10.68	10.68
205	3.95	11.29	11.29
210	5.66	12.06	12.06
215	6.77	12.68	12.68
220	7.15	12.91	12.91
225	6.77	12.68	12.68
230	5.66	12.06	12.06
235	3.95	11.29	11.29
240	1.85	10.68	10.68
245	0.37	10.51	10.51
250	2.42	10.80	10.80
255	4.01	11.31	11.31
260	4.86	11.67	11.67
265	4.81	11.65	11.65
270	3.78	11.22	11.22
275	1.85	10.68	10.68
280	0.72	10.53	10.53
285	3.52	11.13	11.13
290	5.97	12.23	12.23
295	7.39	13.06	13.06
300	7.05	12.85	12.85
305	4.22	11.40	12.33
310	1.72	10.65	25.71
315	11.22	15.78	34.31
320	24.54	27.82	54.76
325	41.65	44.98	69.83
330	62.28	66.24	92.11
335	85.94	90.84	103.38
340	111.91	117.98	117.98
345	139.39	146.74	146.74
350	167.49	176.18	176.18
355	195.33	205.37	205.37