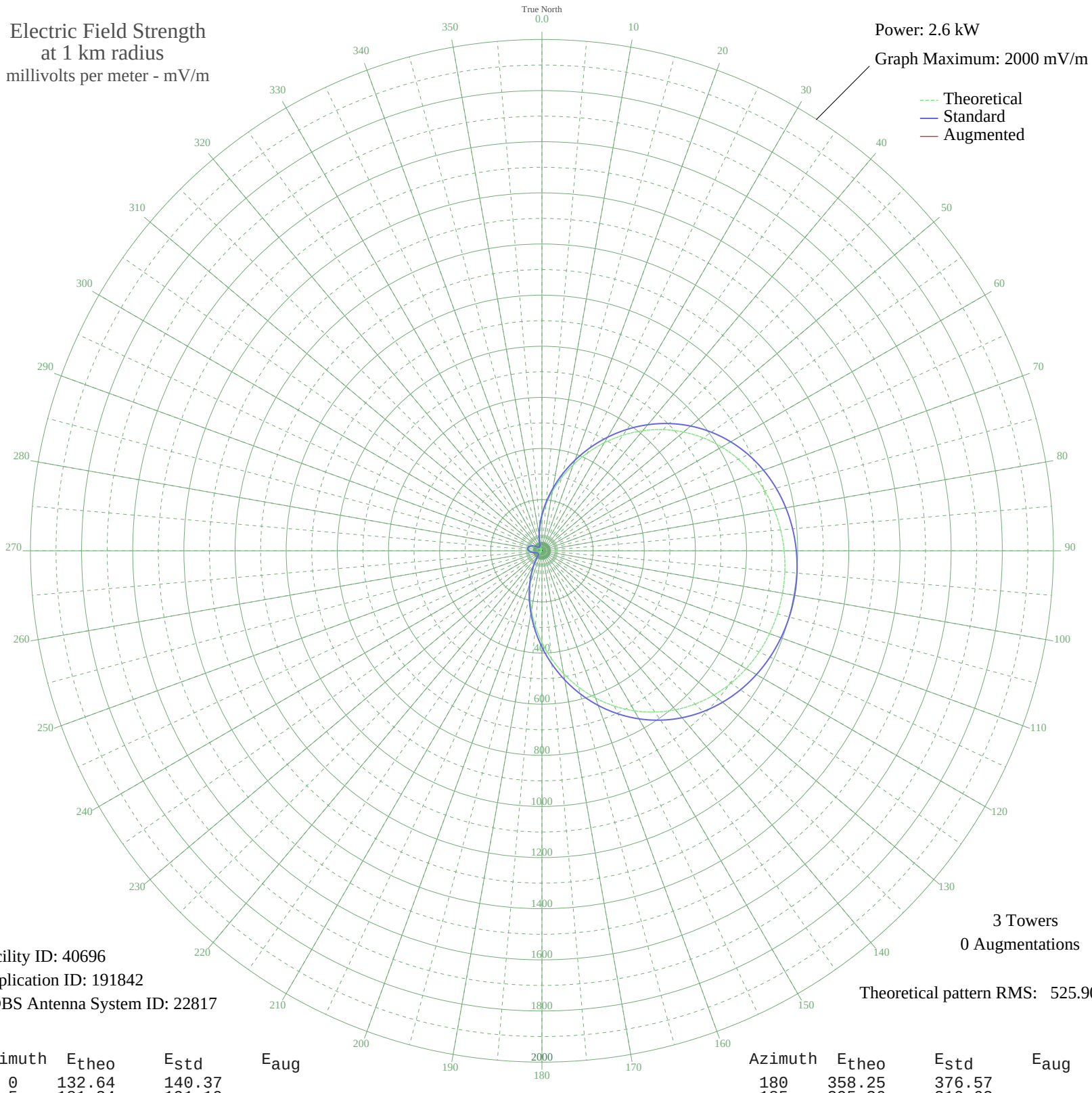
KYND CYPRESS, TX BL-19931115AD 1520 kHz

Critical Hours

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



Power: 2.6 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 40696
Application ID: 191842
CDBS Antenna System ID: 22817

Theoretical pattern RMS: 525.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	132.64	140.37	
5	181.24	191.10	
10	235.88	248.29	
15	295.36	310.62	
20	358.25	376.57	
25	422.98	444.48	
30	487.97	512.67	
35	551.69	579.54	
40	612.78	643.66	
45	670.07	703.80	
50	722.68	759.02	
55	769.99	808.68	
60	811.65	852.41	
65	847.53	890.08	
70	877.74	921.79	
75	902.48	947.77	
80	922.08	968.34	
85	936.87	983.87	
90	947.17	994.68	
95	953.23	1001.05	
100	955.23	1003.15	
105	953.23	1001.05	
110	947.17	994.68	
115	936.87	983.87	
120	922.08	968.34	
125	902.48	947.77	
130	877.74	921.79	
135	847.53	890.08	
140	811.65	852.41	
145	769.99	808.68	
150	722.68	759.02	
155	670.07	703.80	
160	612.78	643.66	
165	551.69	579.54	
170	487.97	512.67	
175	422.98	444.48	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	358.25	376.57	
185	295.36	310.62	
190	235.88	248.29	
195	181.24	191.11	
200	132.64	140.37	
205	91.00	97.14	
210	56.87	62.24	
215	30.47	36.48	
220	11.60	21.35	
225	0.22	17.54	
230	5.78	18.56	
235	6.06	18.66	
240	2.19	17.69	
245	4.67	18.21	
250	13.34	22.45	
255	22.73	29.61	
260	31.83	37.74	
265	39.81	45.33	
270	46.01	51.39	
275	49.92	55.27	
280	51.26	56.60	
285	49.92	55.27	
290	46.01	51.39	
295	39.81	45.33	
300	31.83	37.74	
305	22.73	29.61	
310	13.34	22.45	
315	4.67	18.21	
320	2.19	17.69	
325	6.06	18.66	
330	5.78	18.56	
335	0.22	17.54	
340	11.60	21.35	
345	30.47	36.48	
350	56.87	62.24	
355	91.00	97.14	

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