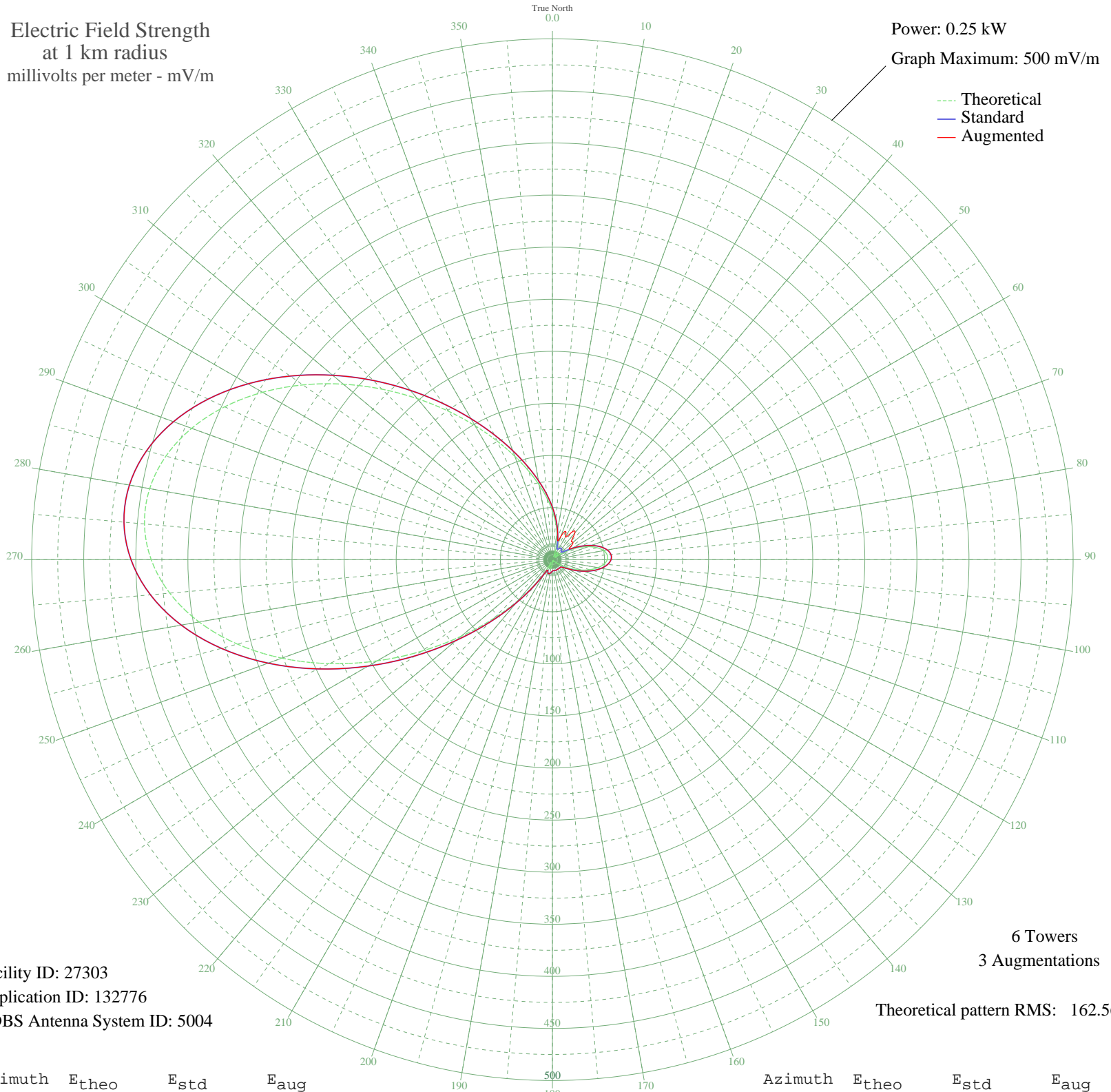


KBIB MARION, TX BL-19890906AC 1000 kHz

Daytime

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: 27303
Application ID: 132776
CDBS Antenna System ID: 5004

6 Towers
3 Augmentations

Theoretical pattern RMS: 162.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	46.84	50.30	50.30
5	35.61	38.84	38.84
10	25.26	28.52	28.52
15	15.83	19.66	19.66
20	7.69	13.25	23.78
25	2.97	10.95	30.00
30	5.79	12.13	25.22
35	8.24	13.61	31.72
40	8.26	13.62	33.53
45	5.76	12.12	26.09
50	3.18	11.02	25.94
55	8.88	14.05	20.77
60	17.76	21.40	21.40
65	27.38	30.61	30.61
70	36.59	39.83	39.83
75	44.39	47.78	47.78
80	49.97	53.51	53.51
85	52.80	56.42	56.42
90	52.65	56.27	56.27
95	49.68	53.21	53.21
100	44.32	47.70	47.70
105	37.23	40.48	40.48
110	29.23	32.44	32.44
115	21.15	24.56	24.56
120	13.72	17.83	17.83
125	7.56	13.16	13.16
130	3.04	10.98	10.98
135	0.71	10.53	10.53
140	1.27	10.58	10.58
145	1.18	10.57	10.57
150	0.65	10.52	10.52
155	1.29	10.59	10.59
160	2.15	10.74	10.74
165	2.38	10.79	10.79
170	1.73	10.66	10.66
175	1.01	10.55	10.55

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3.06	10.98	10.98
185	5.81	12.15	12.15
190	8.08	13.50	13.50
195	8.80	13.99	13.99
200	6.91	12.76	12.76
205	2.97	10.95	10.95
210	11.24	15.79	15.79
215	27.86	31.08	31.08
220	50.83	54.40	54.40
225	79.91	84.56	84.56
230	114.40	120.58	120.58
235	153.09	161.09	161.09
240	194.33	204.32	204.32
245	236.16	248.19	248.19
250	276.46	290.48	290.48
255	313.19	329.01	329.01
260	344.47	361.85	361.85
265	368.83	387.41	387.41
270	385.23	404.63	404.63
275	393.17	412.96	412.96
280	392.65	412.42	412.42
285	384.17	403.52	403.52
290	368.63	387.20	387.20
295	347.22	364.73	364.73
300	321.33	337.56	337.56
305	292.47	307.27	307.27
310	262.07	275.37	275.37
315	231.46	243.26	243.26
320	201.79	212.14	212.14
325	173.93	182.92	182.92
330	148.45	156.23	156.23
335	125.67	132.37	132.37
340	105.61	111.38	111.38
345	88.07	93.07	93.07
350	72.71	77.06	77.06
355	59.10	62.94	62.94

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission