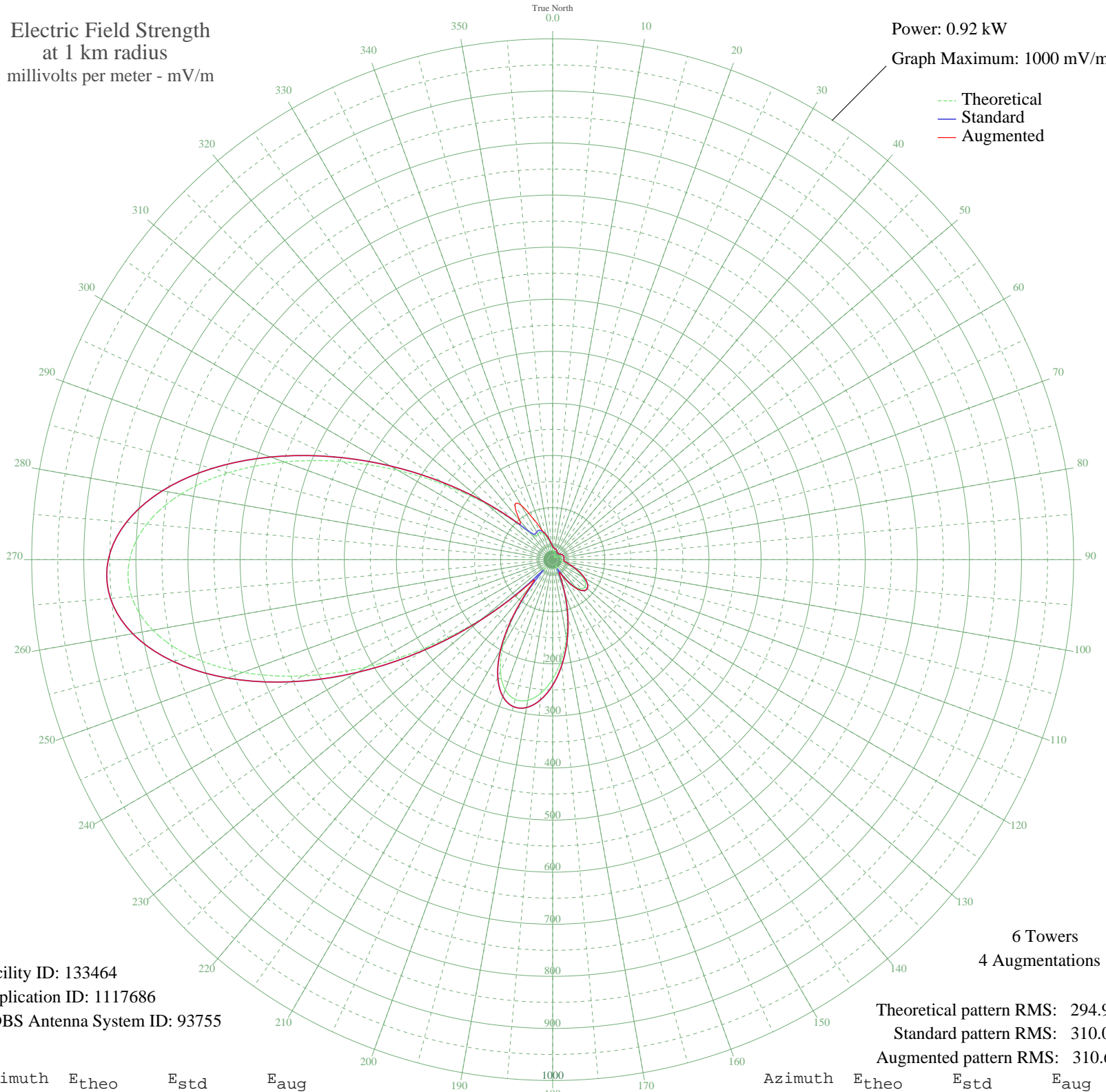


KHSE WYLIE, TX BL-20060223ACS 700 kHz

Nighttime

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

Power: 0.92 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 133464
Application ID: 1117686
CDBS Antenna System ID: 93755

6 Towers
4 Augmentations

Theoretical pattern RMS: 294.94
Standard pattern RMS: 310.04
Augmented pattern RMS: 310.67

Azimuth	E _{theo}	E _{std}	E _{aug}
0	19.74	25.53	25.53
5	16.38	22.76	22.76
10	15.32	21.93	21.93
15	14.56	21.35	21.35
20	13.01	20.22	20.22
25	10.62	18.62	18.62
30	7.84	17.03	17.03
35	5.53	16.00	16.00
40	4.89	15.77	15.77
45	6.17	16.26	16.26
50	8.27	17.26	17.26
55	10.55	18.57	18.57
60	12.68	19.99	19.99
65	14.41	21.24	21.24
70	15.52	22.09	22.09
75	15.96	22.43	22.43
80	15.79	22.30	22.30
85	15.18	21.83	21.83
90	14.48	21.29	21.29
95	14.84	21.57	21.57
100	18.59	24.56	24.56
105	26.97	32.00	32.00
110	38.99	43.57	43.57
115	52.77	57.37	57.37
120	66.03	70.92	70.92
125	76.32	81.51	81.51
130	81.24	86.60	86.60
135	78.81	84.09	84.09
140	67.77	72.70	72.70
145	47.86	52.42	52.94
150	21.01	26.63	32.04
155	22.52	27.95	33.15
160	62.03	66.82	67.23
165	106.21	112.51	112.51
170	150.80	159.04	159.04
175	192.74	202.92	202.92

Azimuth	E _{theo}	E _{std}	E _{aug}
180	229.11	241.02	241.02
185	257.11	270.38	270.38
190	274.12	288.21	288.21
195	277.73	291.99	291.99
200	265.85	279.54	279.54
205	236.86	249.15	249.15
210	189.78	199.83	199.83
215	124.63	131.71	133.22
220	44.65	49.20	64.57
225	63.22	68.04	78.51
230	172.39	181.63	182.13
235	291.07	305.99	305.99
240	411.97	432.82	432.82
245	528.20	554.81	554.81
250	632.61	664.41	664.41
255	718.31	754.37	754.37
260	779.34	818.44	818.44
265	811.35	852.05	852.05
270	812.20	852.94	852.94
275	782.26	821.51	821.51
280	724.54	760.91	760.91
285	644.31	676.69	676.69
290	548.59	576.21	576.21
295	445.31	467.81	467.81
300	342.44	359.87	359.87
305	247.24	260.03	260.03
310	165.85	174.78	174.78
315	103.57	109.77	109.77
320	65.98	70.86	98.77
325	54.90	59.54	126.07
330	56.77	61.45	119.98
335	57.51	62.19	84.33
340	53.41	58.03	60.04
345	45.43	49.97	49.97
350	35.71	40.35	40.35
355	26.50	31.56	31.56

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