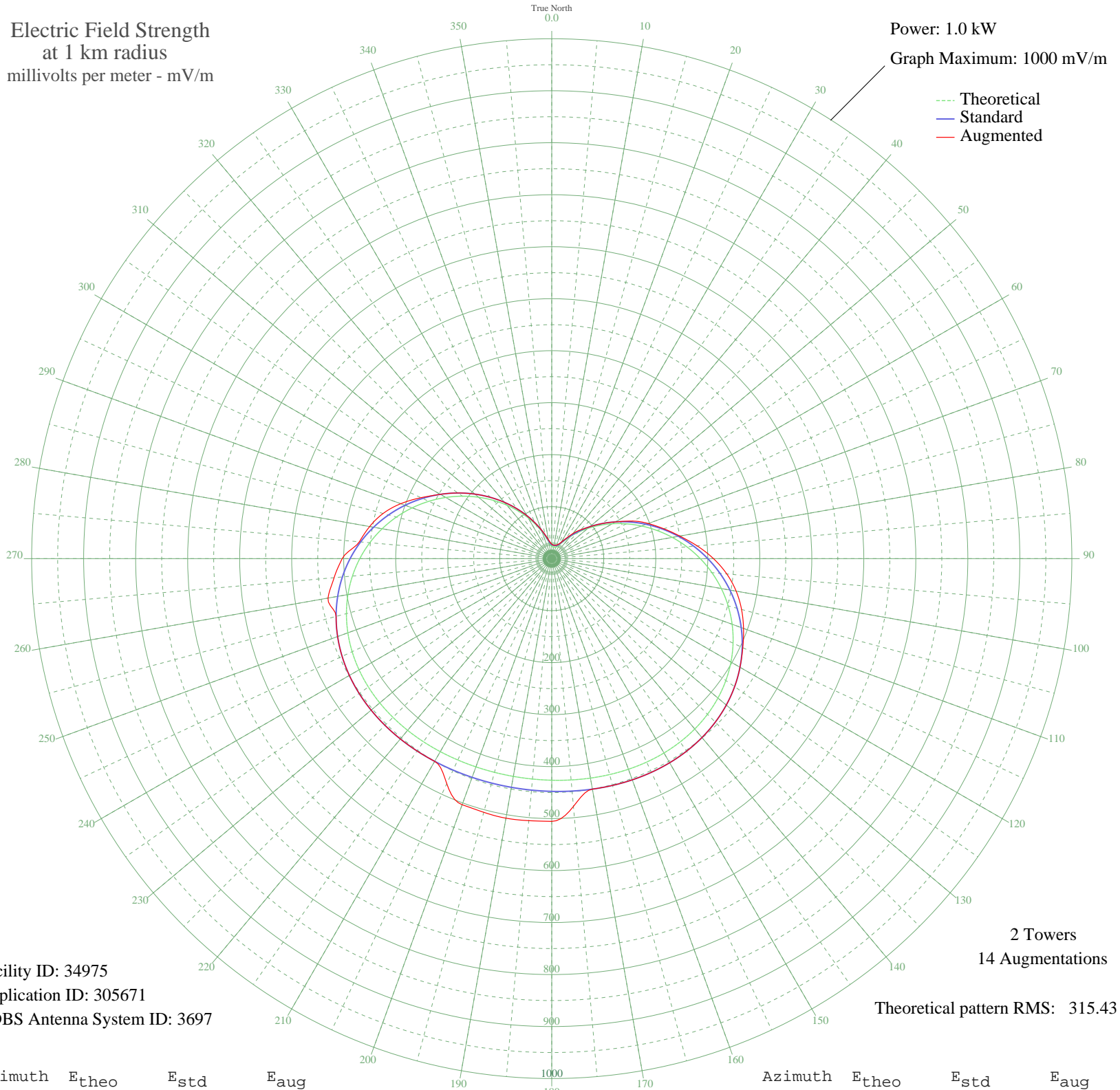


# KLUP TERRELL HILLS, TX BL-13936 930 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 34975  
Application ID: 305671  
CDBS Antenna System ID: 3697

2 Towers  
14 Augmentations  
Theoretical pattern RMS: 315.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	23.44	26.75	27.88
5	22.77	26.12	26.46
10	22.73	26.07	26.07
15	22.77	26.12	26.59
20	23.44	26.75	27.94
25	26.09	29.34	30.43
30	32.11	35.31	36.12
35	41.92	45.25	46.67
40	55.20	58.90	62.44
45	71.48	75.79	78.36
50	90.34	95.43	95.43
55	111.37	117.41	117.41
60	134.20	141.30	141.30
65	158.43	166.68	170.95
70	183.66	193.12	197.51
75	209.44	220.16	222.62
80	235.32	247.31	249.96
85	260.86	274.11	280.75
90	285.61	300.08	311.02
95	309.16	324.79	337.83
100	331.12	347.83	360.04
105	351.18	368.89	377.84
110	369.10	387.69	392.41
115	384.69	404.07	405.35
120	397.89	417.92	417.92
125	408.68	429.25	429.25
130	417.15	438.13	438.13
135	423.44	444.74	444.74
140	427.78	449.29	449.29
145	430.41	452.05	452.05
150	431.63	453.34	453.34
155	431.76	453.47	453.47
160	431.11	452.79	452.79
165	429.97	451.59	451.59
170	428.63	450.18	450.18
175	427.32	448.81	478.44

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	426.24	447.67	505.33
185	425.53	446.93	505.92
190	425.28	446.67	506.94
195	425.53	446.93	505.12
200	426.24	447.67	503.72
205	427.32	448.81	477.59
210	428.63	450.18	450.18
215	429.97	451.59	451.59
220	431.11	452.79	452.79
225	431.76	453.47	453.47
230	431.63	453.34	453.34
235	430.41	452.05	452.05
240	427.78	449.29	449.29
245	423.44	444.74	444.74
250	417.15	438.13	438.13
255	408.68	429.25	429.25
260	397.89	417.92	436.82
265	384.69	404.07	420.02
270	369.10	387.69	402.95
275	351.18	368.89	371.32
280	331.12	347.83	355.51
285	309.16	324.78	335.69
290	285.61	300.08	308.95
295	260.86	274.11	277.37
300	235.32	247.31	247.31
305	209.44	220.16	220.16
310	183.66	193.12	193.12
315	158.43	166.68	166.68
320	134.20	141.30	141.30
325	111.37	117.41	117.41
330	90.34	95.43	95.43
335	71.48	75.79	75.91
340	55.20	58.90	59.42
345	41.91	45.25	46.39
350	32.11	35.31	37.01
355	26.09	29.34	31.08

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission