

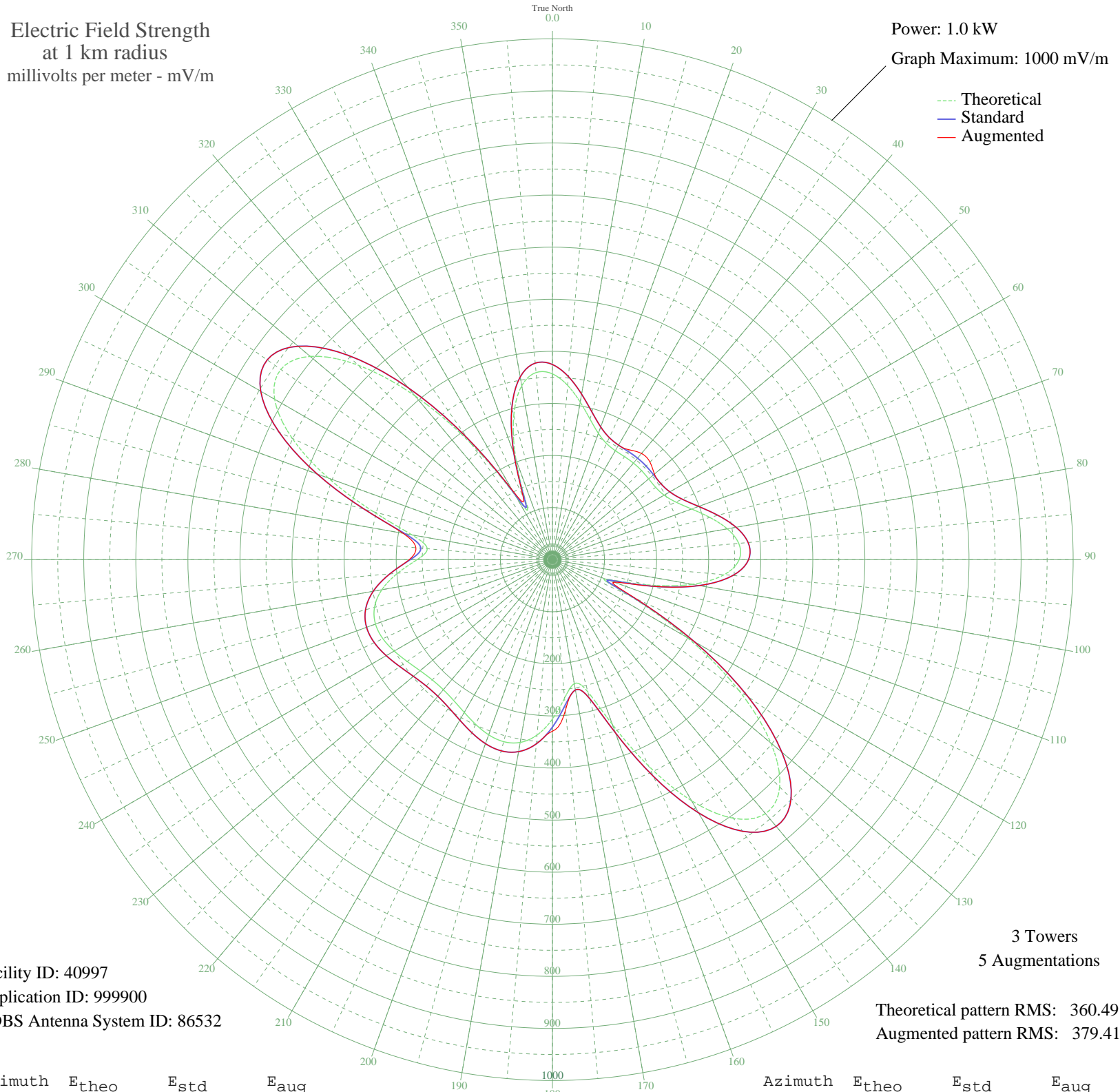
KYYW ABILENE, TX BL-20040617AGD 1470 kHz

Nighttime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 40997
Application ID: 999900
CDBS Antenna System ID: 86532

Theoretical pattern RMS: 360.49
Augmented pattern RMS: 379.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	356.74	374.72	374.72
5	335.83	352.78	352.78
10	307.18	322.71	322.71
15	279.24	293.40	293.40
20	258.09	271.20	271.20
25	246.03	258.54	258.54
30	241.60	253.90	253.90
35	241.36	253.65	257.46
40	242.06	254.39	266.15
45	241.96	254.28	264.88
50	241.25	253.53	255.79
55	242.03	254.35	254.35
60	247.74	260.34	260.34
65	261.61	274.89	274.89
70	284.43	298.84	298.84
75	313.10	328.92	328.92
80	340.93	358.13	358.13
85	359.17	377.27	377.27
90	358.57	376.65	376.65
95	331.20	347.92	347.92
100	272.64	286.46	286.46
105	186.46	196.07	196.44
110	108.61	114.53	126.03
115	163.37	171.86	175.12
120	299.25	314.39	314.39
125	436.40	458.35	458.35
130	547.69	575.17	575.17
135	617.11	648.05	648.05
140	636.52	668.43	668.43
145	606.15	636.55	636.55
150	534.47	561.29	561.29
155	437.24	459.22	459.22
160	336.85	353.85	353.85
165	262.66	275.99	275.99
170	241.69	253.99	253.99
175	267.02	280.57	289.53

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	306.07	321.55	329.40
185	337.98	355.03	355.03
190	356.32	374.28	374.28
195	361.77	380.01	380.01
200	357.86	375.90	375.90
205	348.84	366.43	366.43
210	338.63	355.72	355.72
215	330.31	346.99	346.99
220	325.92	342.38	342.38
225	326.42	342.91	342.91
230	331.71	348.45	348.45
235	340.60	357.79	357.79
240	350.85	368.55	368.55
245	359.19	377.30	377.30
250	361.56	379.79	379.79
255	353.76	371.60	371.60
260	332.61	349.41	349.41
265	298.42	313.52	313.52
270	259.85	273.05	275.08
275	241.28	253.57	263.18
280	273.84	287.73	291.21
285	355.87	373.81	373.81
290	457.75	480.76	480.76
295	551.45	579.12	579.12
300	615.92	646.80	646.80
305	636.75	668.68	668.68
310	607.08	637.52	637.52
315	528.38	554.89	554.89
320	410.39	431.04	431.04
325	270.74	284.47	284.47
330	141.22	148.66	153.48
335	118.14	124.49	132.98
340	205.17	215.69	215.69
345	286.85	301.38	301.38
350	339.10	356.21	356.21
355	360.61	378.79	378.79