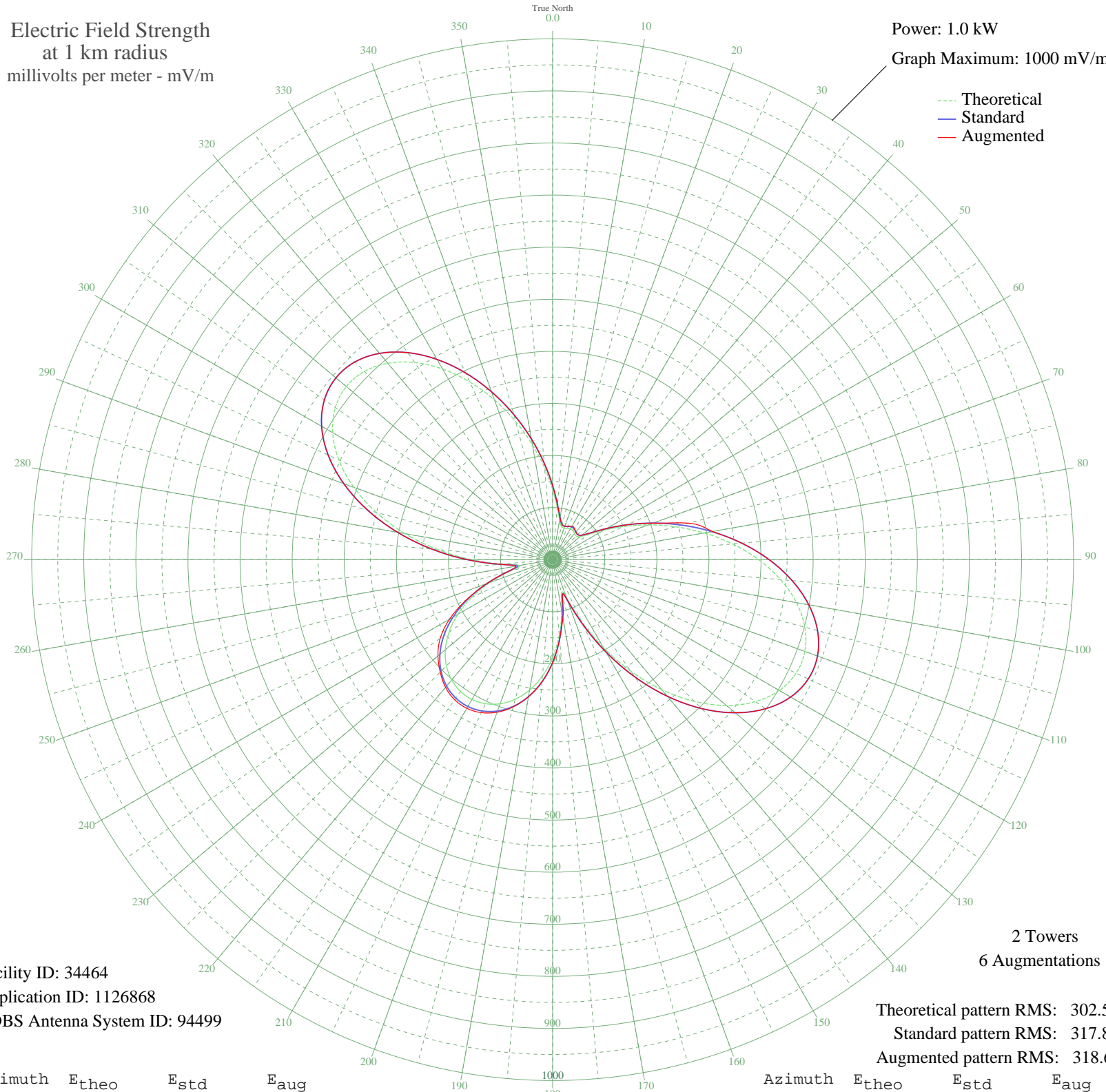


# KGKL SAN ANGELO, TX BML-20060417AHH 960 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 34464  
Application ID: 1126868  
CDBS Antenna System ID: 94499

Theoretical pattern RMS: 302.56  
Standard pattern RMS: 317.86  
Augmented pattern RMS: 318.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	134.91	142.04	142.04
5	100.93	106.49	106.49
10	77.35	81.89	81.89
15	65.83	69.92	69.92
20	64.11	68.13	68.13
25	66.49	70.60	70.60
30	68.38	72.56	74.47
35	67.86	72.02	72.53
40	65.40	69.47	69.47
45	63.97	67.98	67.98
50	69.02	73.23	73.23
55	85.37	90.26	90.26
60	113.42	119.55	119.55
65	150.83	158.72	158.72
70	195.13	205.16	205.16
75	244.06	256.48	270.46
80	295.40	310.35	311.60
85	346.77	364.26	364.26
90	395.64	415.55	415.55
95	439.37	461.45	461.45
100	475.36	499.24	499.24
105	501.27	526.44	526.44
110	515.15	541.01	541.01
115	515.68	541.57	541.57
120	502.28	527.50	527.50
125	475.18	499.04	499.04
130	435.43	457.32	457.32
135	384.84	404.22	404.22
140	325.83	342.29	342.29
145	261.32	274.59	274.59
150	194.71	204.71	204.71
155	130.53	137.46	137.46
160	78.45	83.04	83.04
165	66.69	70.81	71.97
170	100.97	106.54	113.70
175	145.63	153.27	153.27

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	187.70	197.36	197.36
185	224.12	235.56	235.56
190	254.07	266.98	267.17
195	277.44	291.50	292.62
200	294.38	309.28	311.67
205	305.12	320.54	324.06
210	309.85	325.51	329.61
215	308.67	324.27	328.22
220	301.55	316.80	319.92
225	288.36	302.96	305.24
230	268.88	282.51	287.44
235	242.88	255.24	263.48
240	210.31	221.07	228.61
245	171.46	180.34	182.91
250	127.74	134.54	134.54
255	84.48	89.32	89.63
260	64.22	68.24	72.00
265	96.62	101.99	101.99
270	155.51	163.62	163.62
275	221.36	232.66	232.66
280	287.58	302.14	302.14
285	350.27	367.93	367.93
290	406.23	426.68	426.68
295	452.74	475.50	475.50
300	487.61	512.10	512.10
305	509.32	534.89	534.89
310	517.13	543.09	543.09
315	511.14	536.80	536.80
320	492.25	516.97	516.97
325	462.05	485.27	485.27
330	422.66	443.92	443.92
335	376.56	395.53	395.53
340	326.38	342.86	342.86
345	274.72	288.65	288.65
350	224.07	235.51	235.51
355	176.73	185.87	185.87