

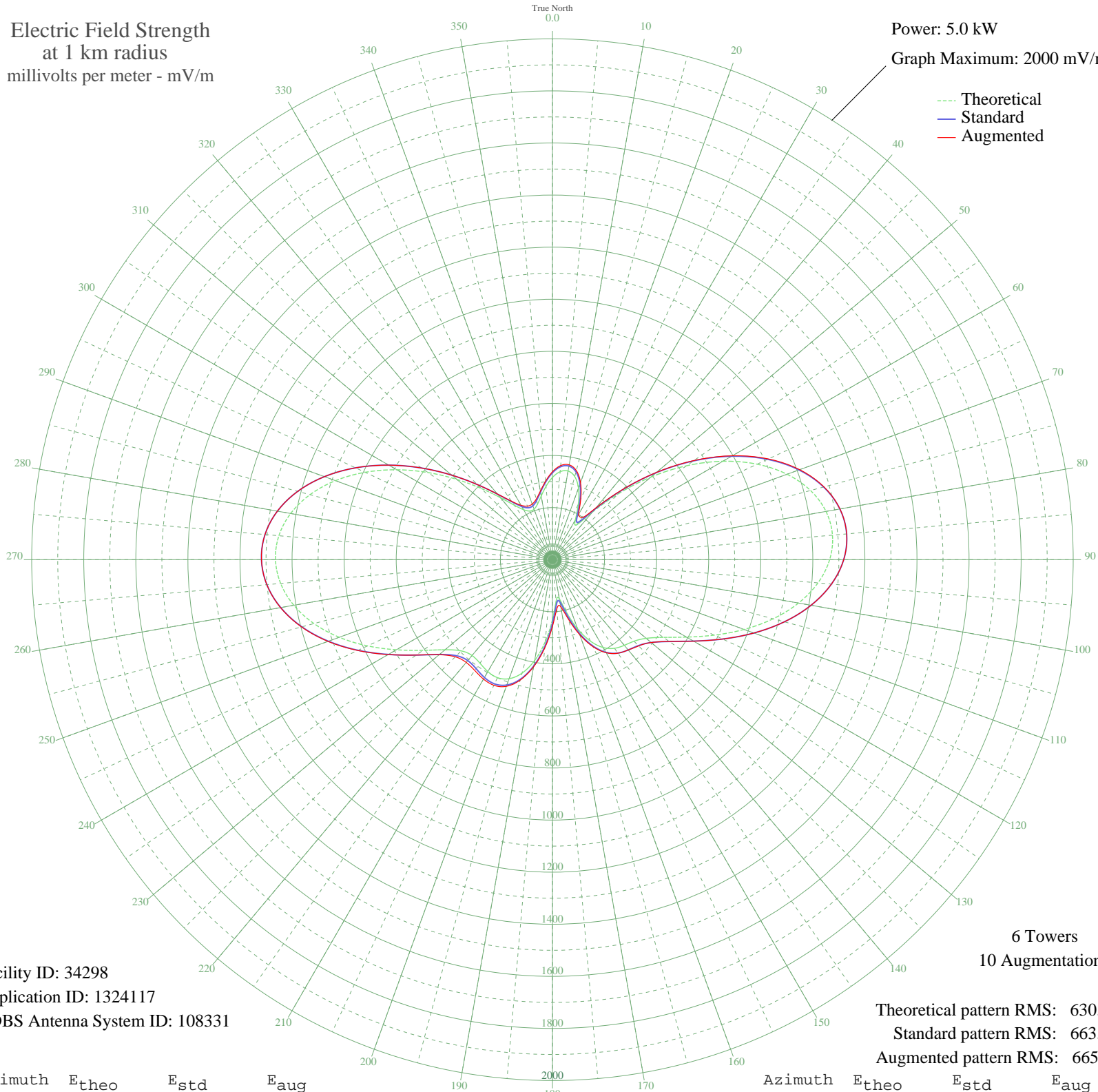
# KFLC FORT WORTH, TX BMML-20090710AUV 1270 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 34298  
Application ID: 1324117  
CDBS Antenna System ID: 108331

6 Towers  
10 Augmentations

Theoretical pattern RMS: 630.90  
Standard pattern RMS: 663.60  
Augmented pattern RMS: 665.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	315.66	333.73	337.45
5	339.08	358.17	362.76
10	345.65	365.02	369.83
15	330.54	349.26	354.35
20	292.36	309.45	315.34
25	235.13	249.95	257.42
30	175.81	188.68	201.27
35	163.91	176.48	197.52
40	237.47	252.38	258.74
45	357.74	377.65	380.46
50	493.01	519.13	520.93
55	628.67	661.26	663.78
60	755.74	794.49	797.92
65	867.56	911.77	915.27
70	958.98	1007.69	1010.39
75	1026.24	1078.26	1079.74
80	1066.85	1120.87	1121.29
85	1079.62	1134.28	1134.28
90	1064.74	1118.65	1118.65
95	1023.76	1075.66	1075.66
100	959.78	1008.52	1008.52
105	877.49	922.19	922.19
110	783.38	823.47	823.47
115	685.79	721.13	721.13
120	594.68	625.63	625.63
125	520.34	547.75	547.75
130	469.98	495.02	495.02
135	442.93	466.71	468.42
140	429.38	452.53	452.72
145	415.45	437.96	438.40
150	389.50	410.83	412.59
155	345.24	364.60	368.61
160	282.64	299.33	306.76
165	209.82	223.74	236.31
170	152.28	164.59	183.16
175	160.35	172.84	190.40

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	230.82	245.48	256.57
185	316.26	334.36	340.59
190	393.03	414.52	417.76
195	451.10	475.26	478.76
200	486.52	512.33	517.62
205	499.89	526.33	532.25
210	496.26	522.53	529.54
215	485.25	511.00	519.73
220	480.34	505.86	515.11
225	495.40	521.63	527.59
230	538.26	566.52	567.91
235	606.84	638.38	638.71
240	692.14	727.79	728.77
245	783.47	823.57	825.04
250	871.38	915.78	917.33
255	948.31	996.49	997.71
260	1008.53	1059.67	1060.34
265	1047.88	1100.97	1101.16
270	1063.69	1117.56	1117.56
275	1054.68	1108.10	1108.10
280	1020.95	1072.71	1072.71
285	964.04	1012.99	1012.99
290	886.88	932.04	932.04
295	793.79	834.40	834.40
300	690.36	725.93	725.93
305	583.18	613.58	613.58
310	479.47	504.95	504.95
315	386.47	407.66	407.68
320	310.49	328.34	329.10
325	255.44	271.04	273.73
330	221.54	235.87	241.13
335	206.00	219.80	226.90
340	206.19	219.99	227.08
345	221.02	235.33	240.60
350	248.33	263.66	267.21
355	282.58	299.27	302.38