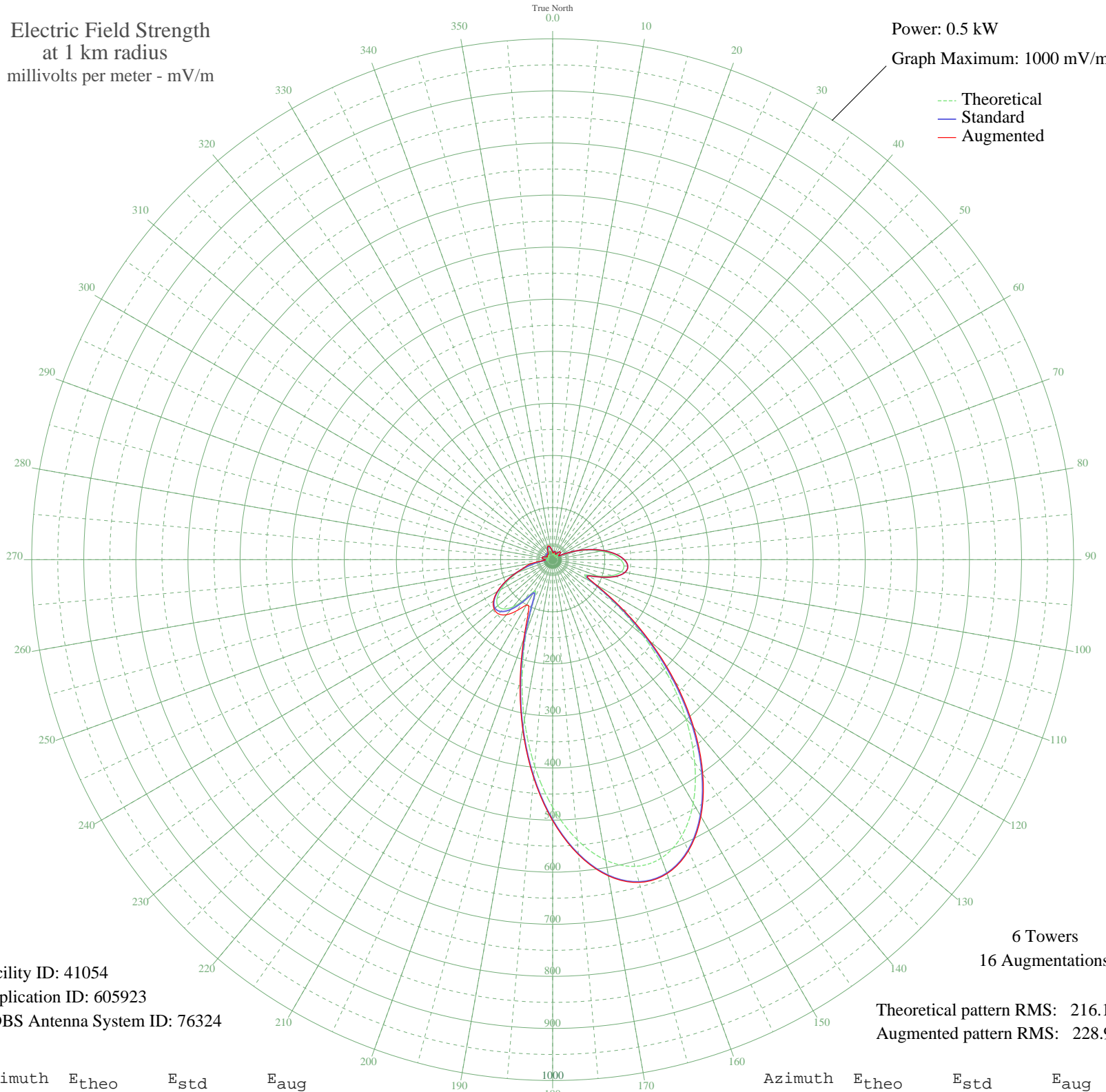


# KFXZ LAFAYETTE, LA BML-20020619ACB 1520 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 41054  
Application ID: 605923  
CDBS Antenna System ID: 76324

6 Towers  
16 Augmentations

Theoretical pattern RMS: 216.13  
Augmented pattern RMS: 228.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	11.17	15.74	14.10
5	9.84	14.73	12.62
10	11.05	15.65	15.40
15	11.72	16.17	16.17
20	10.41	15.16	15.16
25	7.86	13.35	12.78
30	7.62	13.20	11.58
35	11.43	15.94	15.22
40	15.52	19.39	19.39
45	17.19	20.88	20.93
50	14.99	18.92	19.09
55	9.04	14.16	14.48
60	10.18	14.98	15.20
65	26.11	29.36	29.39
70	47.28	50.74	50.74
75	70.80	75.08	75.10
80	94.30	99.57	99.65
85	115.10	121.32	121.48
90	130.39	137.32	137.51
95	137.38	144.63	144.82
100	133.70	140.78	140.92
105	118.12	124.47	124.54
110	92.38	97.56	97.57
115	69.40	73.62	74.24
120	86.25	91.17	95.29
125	146.64	154.33	160.25
130	225.94	237.47	243.63
135	312.11	327.88	333.39
140	397.47	417.47	421.86
145	475.35	499.23	502.53
150	539.78	566.87	569.24
155	585.76	615.14	616.83
160	609.70	640.27	641.60
165	609.70	640.27	641.56
170	585.76	615.14	616.54
175	539.78	566.87	568.48

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	475.36	499.23	501.16
185	397.47	417.48	419.86
190	312.11	327.89	330.85
195	225.95	237.48	241.19
200	146.64	154.33	162.27
205	86.25	91.17	110.06
210	69.40	73.62	100.92
215	92.38	97.56	119.38
220	118.11	124.46	137.92
225	133.70	140.78	147.14
230	137.38	144.63	146.79
235	130.40	137.32	138.92
240	115.11	121.32	122.62
245	94.31	99.58	100.29
250	70.82	75.10	75.22
255	47.31	50.77	55.17
260	26.16	29.41	39.81
265	10.29	15.07	17.45
270	9.15	14.23	14.16
275	15.03	18.96	18.81
280	17.22	20.90	20.70
285	15.53	19.40	19.14
290	11.43	15.94	15.43
295	7.61	13.20	12.07
300	7.87	13.36	11.57
305	10.44	15.18	13.03
310	11.77	16.22	13.92
315	11.13	15.71	13.36
320	9.96	14.82	12.72
325	11.28	15.83	14.48
330	15.47	19.34	18.76
335	19.91	23.40	23.67
340	22.60	25.95	27.20
345	22.59	25.94	27.19
350	19.88	23.36	23.79
355	15.40	19.28	19.22

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission