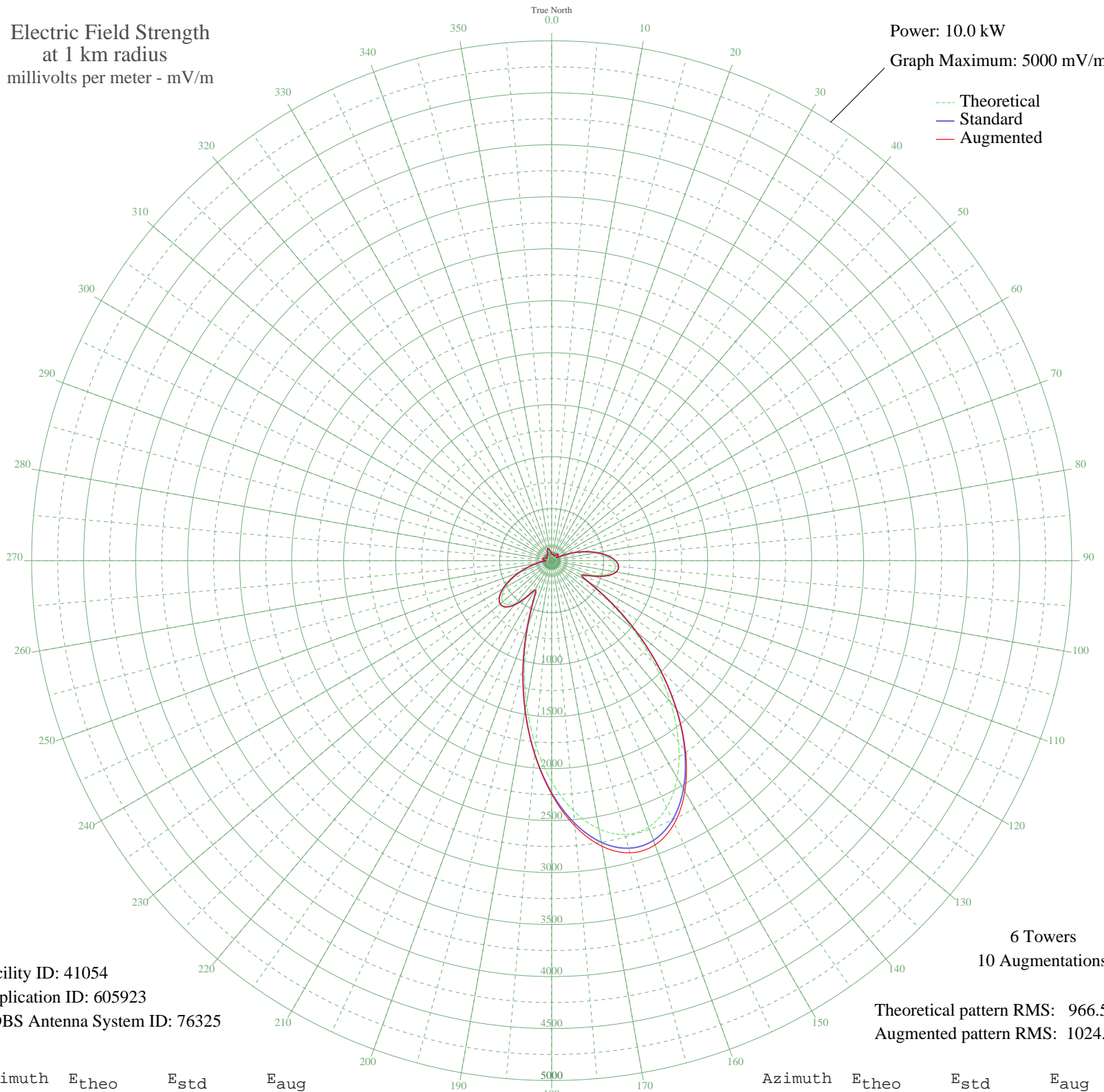


# KFXZ LAFAYETTE, LA BML-20020619ACB 1520 kHz

## Critical Hours

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 41054  
Application ID: 605923  
CDBS Antenna System ID: 76325

6 Towers  
10 Augmentations

Theoretical pattern RMS: 966.57  
Augmented pattern RMS: 1024.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	49.97	62.67	65.29
5	44.00	57.53	57.53
10	49.41	62.18	62.18
15	52.39	64.82	64.82
20	46.55	59.70	59.70
25	35.13	50.36	50.48
30	34.07	49.55	49.77
35	51.10	63.67	63.67
40	69.42	80.55	80.55
45	76.89	87.72	87.72
50	67.04	78.29	78.29
55	40.45	54.58	64.70
60	45.53	58.83	63.75
65	116.77	127.31	131.97
70	211.44	224.64	225.98
75	316.65	334.24	334.28
80	421.71	444.12	444.31
85	514.77	541.59	541.94
90	583.14	613.26	613.69
95	614.39	646.02	646.43
100	597.95	628.78	629.08
105	528.23	555.70	555.86
110	413.13	435.14	435.16
115	310.37	327.69	327.69
120	385.71	406.45	406.45
125	655.78	689.42	689.42
130	1010.46	1061.54	1061.54
135	1395.81	1466.00	1466.00
140	1777.55	1866.74	1868.52
145	2125.86	2232.41	2244.90
150	2413.99	2534.93	2561.54
155	2619.63	2750.83	2789.70
160	2726.68	2863.22	2909.06
165	2726.68	2863.22	2909.06
170	2619.64	2750.83	2789.70
175	2414.00	2534.93	2561.54

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	2125.87	2232.43	2244.91
185	1777.56	1866.75	1868.53
190	1395.83	1466.02	1466.02
195	1010.48	1061.55	1061.55
200	655.80	689.44	689.44
205	385.72	406.46	406.46
210	310.37	327.68	327.68
215	413.12	435.13	435.13
220	528.22	555.69	555.69
225	597.95	628.78	628.78
230	614.39	646.02	646.02
235	583.16	613.27	613.27
240	514.79	541.62	541.62
245	421.76	444.17	444.17
250	316.72	334.32	334.32
255	211.56	224.77	232.75
260	116.99	127.53	154.93
265	46.03	59.25	109.26
270	40.91	54.96	54.96
275	67.23	78.48	79.59
280	76.99	87.81	91.14
285	69.46	80.59	84.54
290	51.10	63.67	65.67
295	34.05	49.54	49.54
300	35.19	50.41	50.41
305	46.70	59.83	59.83
310	52.65	65.05	65.05
315	49.80	62.52	62.52
320	44.52	57.97	57.97
325	50.44	63.09	63.09
330	69.18	80.32	80.32
335	89.05	99.59	102.79
340	101.07	111.52	120.72
345	101.02	111.48	120.67
350	88.89	99.43	106.40
355	68.88	80.04	87.77