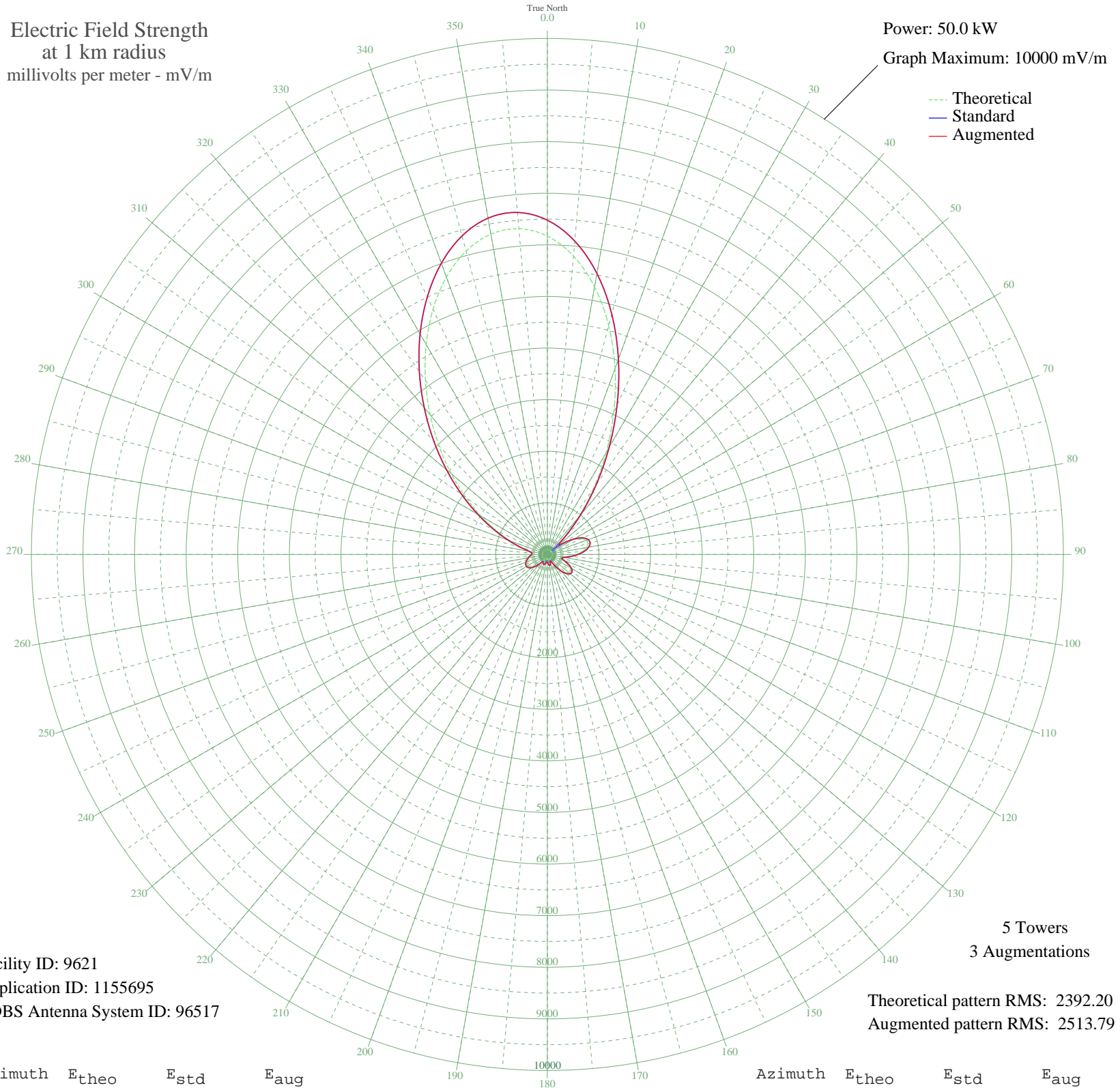


# WWJ DETROIT, MI BML-20060831ACJ 950 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 9621  
Application ID: 1155695  
CDBS Antenna System ID: 96517

5 Towers  
3 Augmentations

Theoretical pattern RMS: 2392.20  
Augmented pattern RMS: 2513.79

Azimuth	Etheo	Estd	Eaug
0	6169.37	6478.42	6478.42
5	5805.18	6096.06	6096.06
10	5265.92	5529.89	5529.89
15	4591.58	4821.93	4821.93
20	3833.24	4025.84	4025.84
25	3045.14	3198.58	3198.58
30	2276.99	2392.41	2392.41
35	1568.30	1648.99	1648.99
40	945.74	996.81	996.81
45	424.48	454.06	491.00
50	71.79	114.88	288.11
55	336.64	363.95	409.10
60	567.66	602.31	602.31
65	719.07	759.98	759.98
70	797.84	842.21	842.21
75	812.03	857.02	857.02
80	770.19	813.34	813.34
85	682.19	721.53	721.53
90	560.44	594.81	594.81
95	422.82	452.35	452.35
100	301.73	328.47	328.47
105	258.81	285.25	285.25
110	321.02	348.04	348.04
115	420.78	450.24	450.24
120	504.96	537.25	537.25
125	550.17	584.15	584.15
130	546.52	580.35	580.35
135	493.03	524.89	524.89
140	396.91	425.67	425.67
145	273.58	300.05	300.05
150	149.64	179.45	179.45
155	92.31	130.04	130.04
160	142.65	173.06	173.06
165	186.60	214.25	214.25
170	188.04	215.64	216.40
175	148.42	178.33	187.62

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	88.98	127.45	152.03
185	75.80	117.68	145.31
190	128.30	160.19	172.79
195	171.20	199.57	201.38
200	179.99	207.93	208.13
205	154.55	183.98	190.65
210	119.38	152.40	168.44
215	135.71	166.79	179.40
220	211.33	238.23	240.81
225	298.01	324.70	324.70
230	370.21	398.27	398.27
235	417.35	446.71	446.71
240	437.26	467.24	467.24
245	433.63	463.49	463.49
250	413.50	442.74	442.74
255	384.15	412.56	412.56
260	350.28	377.87	377.87
265	313.75	340.65	340.65
270	279.85	306.36	306.36
275	273.41	299.88	299.88
280	342.70	370.13	370.13
285	509.84	542.30	542.30
290	762.89	805.71	805.71
295	1089.33	1147.07	1147.07
300	1480.62	1557.07	1557.07
305	1929.20	2027.51	2027.51
310	2427.15	2549.98	2549.98
315	2965.70	3115.19	3115.19
320	3534.19	3711.91	3711.91
325	4118.24	4325.02	4325.02
330	4697.40	4933.03	4933.03
335	5243.36	5506.21	5506.21
340	5720.02	6006.65	6006.65
345	6086.44	6391.35	6391.35
350	6302.44	6618.13	6618.13
355	6335.85	6653.20	6653.20