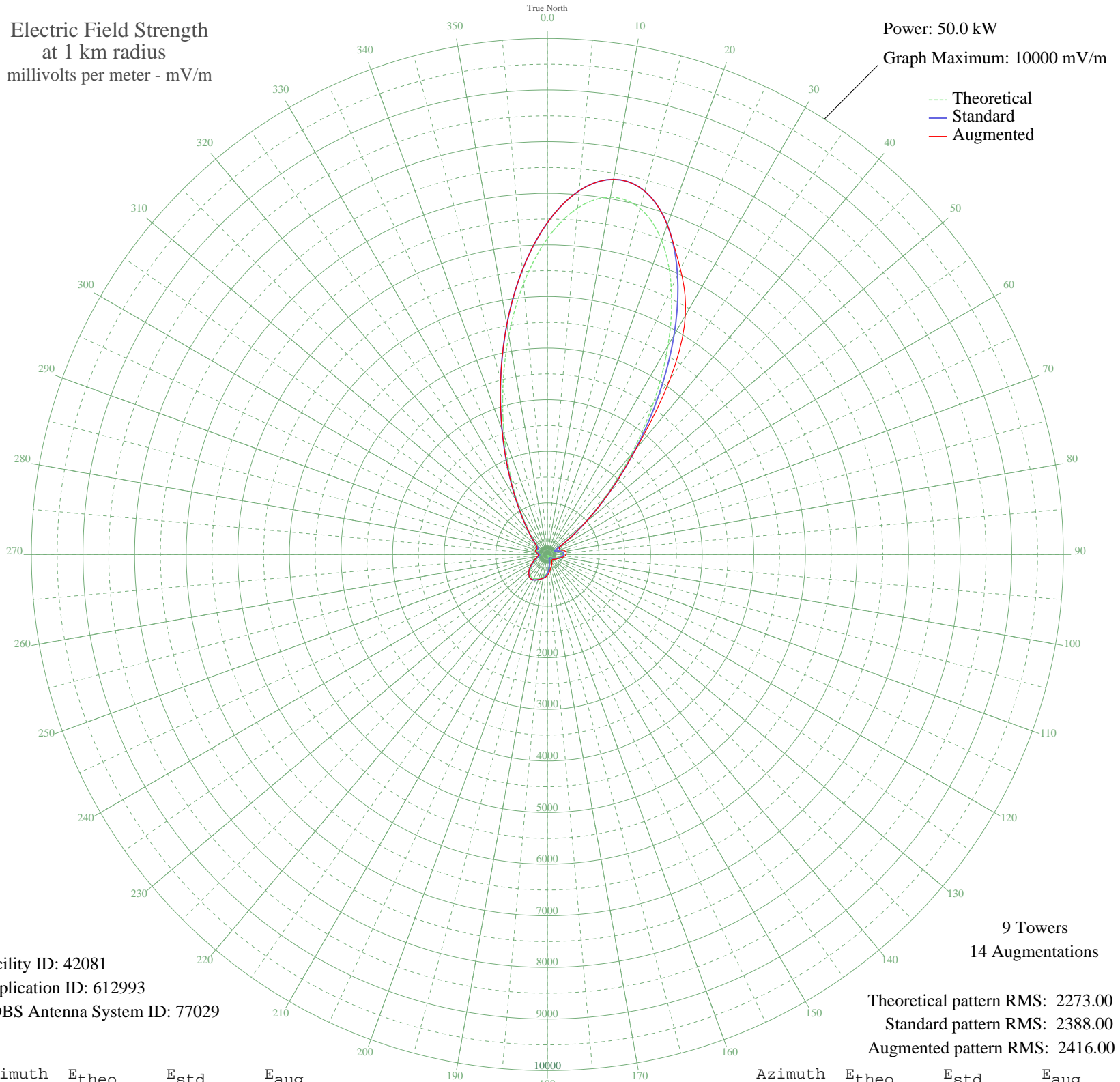


WLQV DETROIT, MI BL-20020909ABR 1500 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 42081
Application ID: 612993
CDBS Antenna System ID: 77029

Theoretical pattern RMS: 2273.00
Standard pattern RMS: 2388.00
Augmented pattern RMS: 2416.00

Azimuth	Etheo	Estd	Eaug
0	6123.56	6430.18	6430.18
5	6739.79	7077.18	7077.18
10	7030.65	7382.56	7382.56
15	6942.45	7289.96	7289.96
20	6475.12	6799.29	6799.29
25	5685.22	5969.95	6101.37
30	4676.30	4910.69	5347.34
35	3578.03	3757.68	4138.28
40	2519.82	2646.88	2668.02
45	1605.99	1687.96	1687.96
50	899.26	947.20	947.20
55	417.24	444.49	449.58
60	151.51	175.91	262.30
65	123.37	149.73	259.56
70	181.60	204.93	265.82
75	231.03	253.94	320.20
80	269.20	292.46	358.11
85	290.80	314.44	369.24
90	292.78	316.45	358.91
95	277.91	301.31	338.35
100	252.26	275.31	299.24
105	221.49	244.38	254.29
110	188.93	212.11	222.82
115	156.04	180.23	200.69
120	123.95	150.26	182.07
125	94.57	124.49	161.56
130	70.15	105.18	144.25
135	51.85	92.75	139.04
140	38.56	85.31	145.07
145	27.12	80.31	149.12
150	14.76	76.67	174.92
155	21.96	78.55	206.40
160	61.56	99.08	232.11
165	121.09	147.66	258.78
170	195.15	218.24	305.16
175	274.01	297.35	358.69

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	345.51	370.47	405.99
185	400.17	426.83	441.92
190	436.32	464.25	465.61
195	461.37	490.22	490.22
200	485.62	515.40	515.40
205	511.90	542.72	542.72
210	532.28	563.92	563.92
215	535.85	567.63	567.65
220	517.34	548.37	549.22
225	479.10	508.63	511.44
230	427.49	455.10	460.80
235	368.75	394.40	403.55
240	308.27	332.28	344.75
245	252.17	275.22	290.93
250	206.83	229.79	250.79
255	174.01	197.54	220.26
260	148.22	172.80	195.34
265	125.53	151.69	177.64
270	115.99	143.08	176.14
275	134.91	160.33	189.96
280	172.27	195.85	214.57
285	205.11	228.08	237.08
290	218.04	240.94	245.30
295	207.51	230.46	238.92
300	187.14	210.36	234.44
305	193.21	216.32	245.21
310	254.32	277.39	290.73
315	362.09	387.54	388.54
320	518.86	549.95	549.95
325	762.13	803.76	803.76
330	1144.93	1204.52	1204.52
335	1703.87	1790.64	1790.64
340	2443.30	2566.57	2566.57
345	3332.72	3500.16	3500.16
350	4307.83	4523.84	4523.84
355	5275.30	5539.57	5539.57