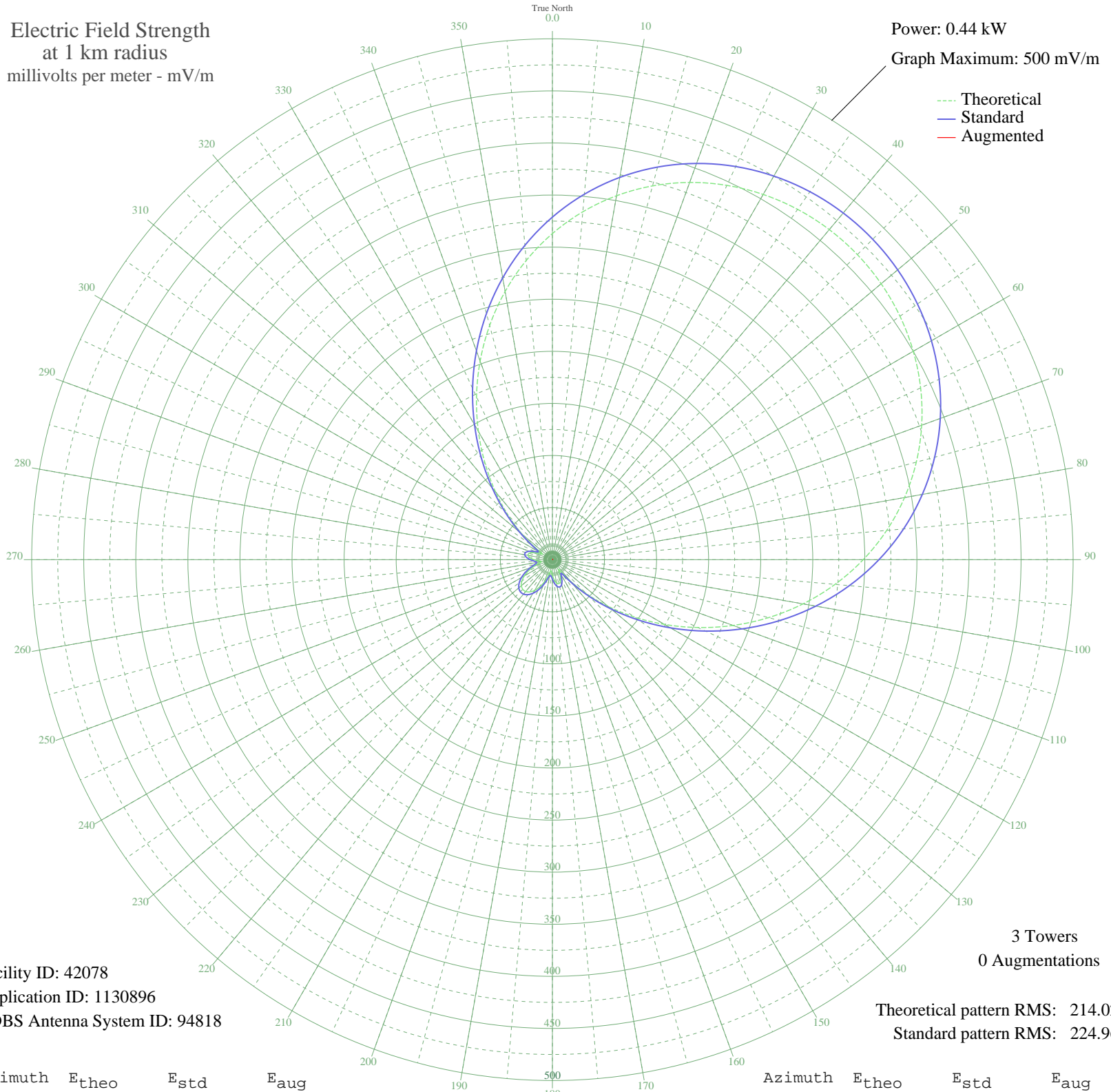


WSNL FLINT, MI BL-20060515AEL 600 kHz

Daytime

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

Power: 0.44 kW
Graph Maximum: 500 mV/m



Facility ID: 42078
Application ID: 1130896
CDBS Antenna System ID: 94818

3 Towers
0 Augmentations

Theoretical pattern RMS: 214.02
Standard pattern RMS: 224.96

Azimuth	E _{theo}	E _{std}	E _{aug}
0	313.02	328.84	
5	335.23	352.14	
10	354.74	372.62	
15	371.46	390.17	
20	385.35	404.76	
25	396.46	416.41	
30	404.83	425.20	
35	410.53	431.19	
40	413.62	434.43	
45	414.13	434.97	
50	412.08	432.81	
55	407.43	427.93	
60	400.13	420.27	
65	390.13	409.77	
70	377.35	396.36	
75	361.76	380.00	
80	343.36	360.68	
85	322.21	338.49	
90	298.48	313.58	
95	272.41	286.22	
100	244.40	256.83	
105	214.93	225.92	
110	184.61	194.13	
115	154.15	162.20	
120	124.29	130.92	
125	95.81	101.15	
130	69.49	73.72	
135	46.11	49.54	
140	26.55	29.79	
145	12.96	17.19	
150	11.90	16.32	
155	17.93	21.55	
160	22.36	25.72	
165	23.89	27.19	
170	22.68	26.03	
175	19.33	22.85	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	14.80	18.75	
185	11.05	15.65	
190	11.55	16.04	
195	16.46	20.22	
200	22.78	26.12	
205	28.88	32.09	
210	34.02	37.23	
215	37.78	41.03	
220	39.90	43.19	
225	40.26	43.56	
230	38.83	42.10	
235	35.71	38.93	
240	31.08	34.28	
245	25.30	28.56	
250	18.94	22.49	
255	13.17	17.36	
260	10.57	15.28	
265	13.03	17.25	
270	17.58	21.24	
275	21.56	24.95	
280	23.71	27.02	
285	23.32	26.64	
290	20.03	23.50	
295	14.24	18.27	
300	10.73	15.40	
305	20.15	23.62	
310	37.76	41.02	
315	59.75	63.61	
320	84.98	89.85	
325	112.69	118.78	
330	142.09	149.56	
335	172.41	181.33	
340	202.87	213.27	
345	232.75	244.62	
350	261.41	274.69	
355	288.31	302.91	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission