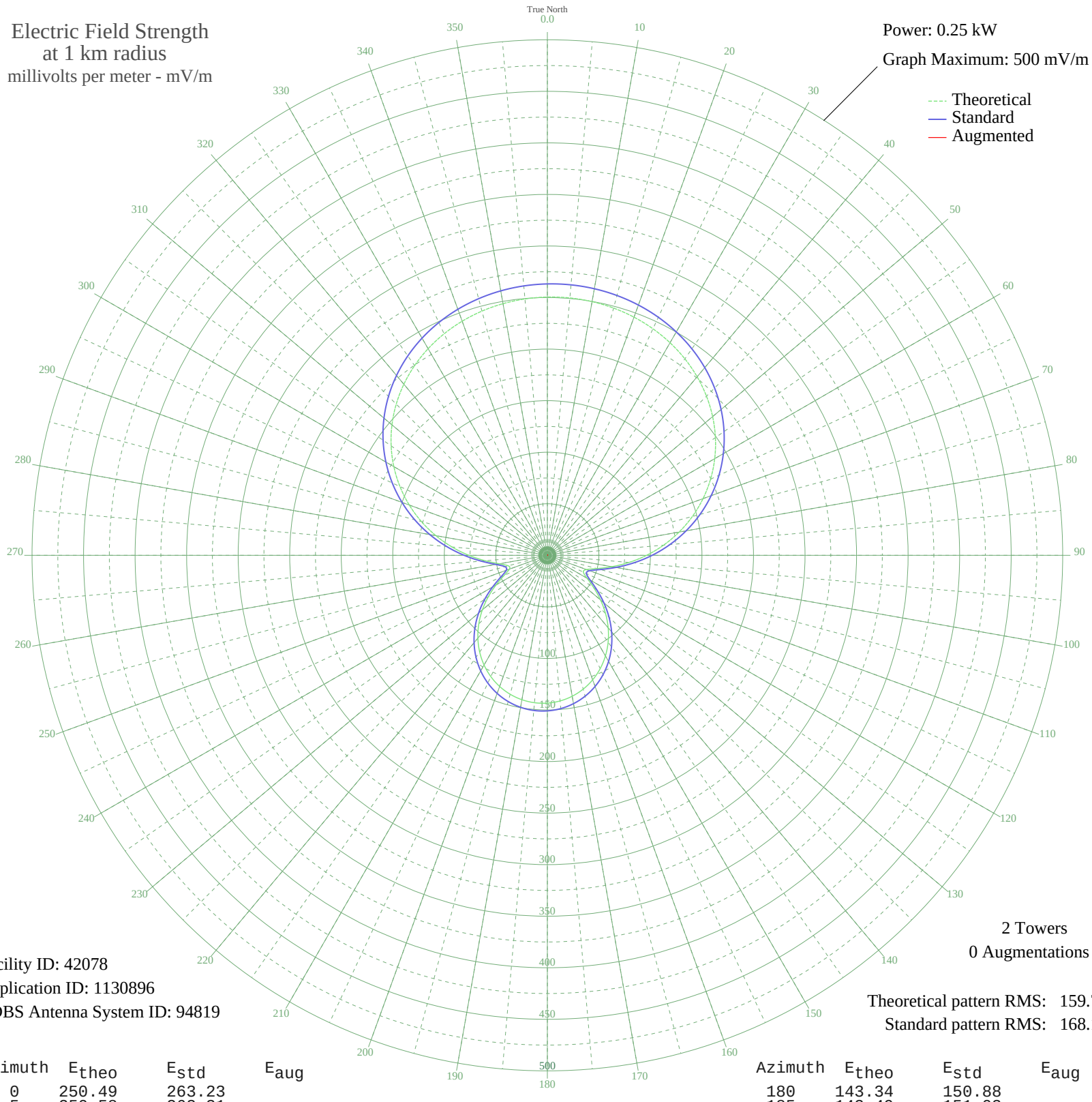
WSNL FLINT, MI BL-20060515AEL 600 kHz

Nighttime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 42078
Application ID: 1130896
CDBS Antenna System ID: 94819

Theoretical pattern RMS: 159.79
Standard pattern RMS: 168.11

Azimuth	E_{theo}	E_{std}	E_{aug}
0	250.49	263.23	
5	250.58	263.31	
10	249.84	262.54	
15	248.26	260.88	
20	245.80	258.31	
25	242.42	254.76	
30	238.05	250.18	
35	232.62	244.48	
40	226.07	237.60	
45	218.31	229.47	
50	209.32	220.04	
55	199.05	209.26	
60	187.50	197.16	
65	174.71	183.74	
70	160.74	169.10	
75	145.71	153.35	
80	129.79	136.68	
85	113.21	119.33	
90	96.29	101.65	
95	79.50	84.13	
100	63.53	67.53	
105	49.68	53.21	
110	40.31	43.61	
115	38.48	41.75	
120	44.48	47.87	
125	55.06	58.76	
130	67.35	71.49	
135	79.84	84.49	
140	91.79	96.95	
145	102.81	108.46	
150	112.68	118.78	
155	121.27	127.77	
160	128.51	135.34	
165	134.35	141.46	
170	138.77	146.09	
175	141.77	149.23	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	143.34	150.88	
185	143.49	151.03	
190	142.20	149.68	
195	139.49	146.84	
200	135.35	142.50	
205	129.79	136.68	
210	122.83	129.40	
215	114.50	120.69	
220	104.88	110.62	
225	94.08	99.34	
230	82.29	87.04	
235	69.86	74.10	
240	57.44	61.22	
245	46.34	49.78	
250	39.13	42.41	
255	39.26	42.54	
260	47.35	50.81	
265	60.53	64.42	
270	76.21	80.70	
275	92.91	98.12	
280	109.84	115.81	
285	126.51	133.25	
290	142.59	150.08	
295	157.81	166.03	
300	172.00	180.91	
305	185.04	194.58	
310	196.84	206.95	
315	207.37	217.99	
320	216.62	227.69	
325	224.61	236.08	
330	231.40	243.20	
335	237.05	249.13	
340	241.63	253.93	
345	245.20	257.68	
350	247.84	260.44	
355	249.59	262.28	

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