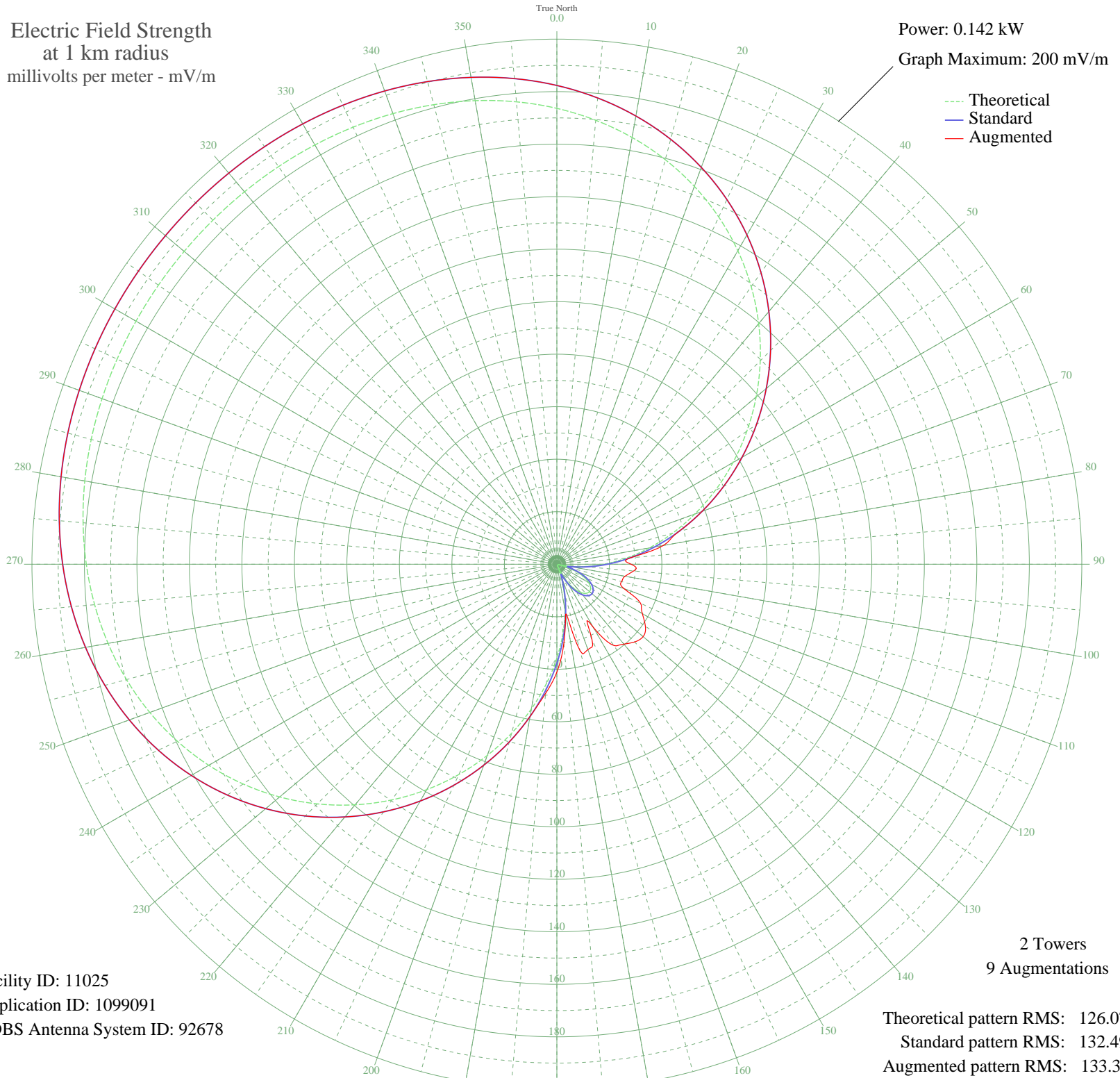


# WFLT FLINT, MI BL-20051114ANT 1420 kHz

Nighttime

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

Power: 0.142 kW  
Graph Maximum: 200 mV/m



Facility ID: 11025  
Application ID: 1099091  
CDBS Antenna System ID: 92678

2 Towers  
9 Augmentations

Theoretical pattern RMS: 126.07  
Standard pattern RMS: 132.49  
Augmented pattern RMS: 133.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	173.63	182.36	182.36
5	169.74	178.27	178.27
10	165.05	173.35	173.35
15	159.53	167.55	167.55
20	153.15	160.86	160.86
25	145.92	153.27	153.27
30	137.88	144.83	144.83
35	129.08	135.59	135.59
40	119.61	125.65	125.65
45	109.58	115.13	115.13
50	99.12	104.15	104.15
55	88.37	92.87	92.87
60	77.49	81.46	81.46
65	66.63	70.07	70.07
70	55.95	58.89	58.89
75	45.61	48.06	48.06
80	35.74	37.74	41.20
85	26.48	28.08	28.08
90	17.93	19.23	28.30
95	10.19	11.40	29.35
100	3.34	5.29	26.36
105	2.55	4.77	25.52
110	7.42	8.74	27.25
115	11.25	12.46	35.19
120	14.00	15.23	37.60
125	15.66	16.92	41.17
130	16.22	17.48	42.90
135	15.66	16.92	41.87
140	14.00	15.23	39.72
145	11.25	12.46	37.76
150	7.42	8.74	27.74
155	2.55	4.77	31.66
160	3.34	5.29	34.60
165	10.19	11.40	34.09
170	17.93	19.23	19.23
175	26.48	28.08	30.35

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	35.74	37.74	41.10
185	45.61	48.06	49.42
190	55.95	58.89	58.89
195	66.63	70.07	70.07
200	77.49	81.46	81.46
205	88.37	92.87	92.87
210	99.12	104.15	104.15
215	109.58	115.13	115.13
220	119.61	125.65	125.65
225	129.08	135.59	135.59
230	137.88	144.83	144.83
235	145.92	153.27	153.27
240	153.15	160.86	160.86
245	159.53	167.55	167.55
250	165.05	173.35	173.35
255	169.74	178.27	178.27
260	173.63	182.36	182.36
265	176.79	185.67	185.67
270	179.29	188.29	188.29
275	181.21	190.31	190.31
280	182.64	191.81	191.81
285	183.68	192.90	192.90
290	184.39	193.65	193.65
295	184.87	194.15	194.15
300	185.16	194.46	194.46
305	185.32	194.63	194.63
310	185.37	194.68	194.68
315	185.32	194.63	194.63
320	185.16	194.46	194.46
325	184.87	194.15	194.15
330	184.39	193.65	193.65
335	183.68	192.90	192.90
340	182.64	191.81	191.81
345	181.21	190.31	190.31
350	179.29	188.29	188.29
355	176.79	185.67	185.67