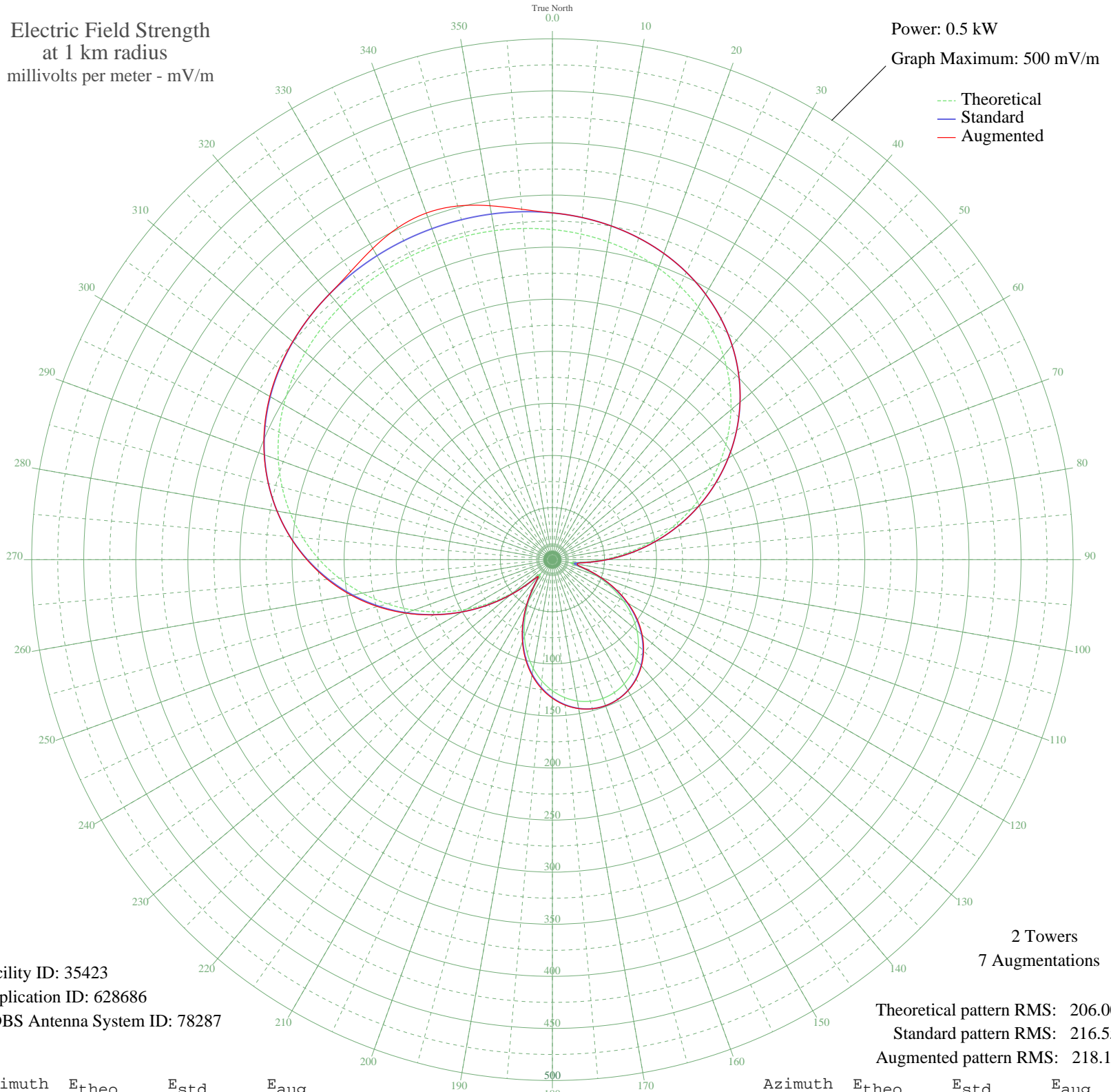


WGLM GREENVILLE, MI BL-20030122AGC 1380 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 35423  
Application ID: 628686  
CDBS Antenna System ID: 78287

2 Towers  
7 Augmentations

Theoretical pattern RMS: 206.00  
Standard pattern RMS: 216.55  
Augmented pattern RMS: 218.19

Azimuth	Etheo	Estd	Eaug
0	316.91	332.92	332.92
5	313.78	329.64	329.64
10	309.65	325.31	325.31
15	304.37	319.76	319.76
20	297.78	312.84	312.84
25	289.71	304.38	304.38
30	280.04	294.23	294.23
35	268.66	282.29	282.29
40	255.49	268.47	268.47
45	240.52	252.76	252.76
50	223.77	235.19	235.19
55	205.33	215.85	215.85
60	185.36	194.91	194.91
65	164.07	172.59	172.59
70	141.71	149.16	149.16
75	118.60	124.97	124.97
80	95.12	100.42	100.42
85	71.69	76.01	76.01
90	48.97	52.48	52.48
95	28.49	31.70	31.70
100	17.54	21.20	21.20
105	27.63	30.85	31.07
110	44.92	48.32	48.85
115	62.33	66.28	67.05
120	78.54	83.13	84.05
125	93.14	98.36	99.33
130	105.94	111.74	112.65
135	116.84	123.14	123.91
140	125.79	132.50	133.08
145	132.75	139.79	140.15
150	137.73	145.00	145.17
155	140.71	148.12	148.17
160	141.71	149.16	149.16
165	140.71	148.12	148.17
170	137.73	145.00	145.17
175	132.75	139.79	140.15

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	125.79	132.50	133.08
185	116.84	123.14	123.91
190	105.94	111.74	112.65
195	93.14	98.36	99.33
200	78.54	83.13	84.05
205	62.33	66.28	67.04
210	44.92	48.32	48.83
215	27.63	30.85	31.04
220	17.54	21.20	21.14
225	28.49	31.70	31.67
230	48.97	52.48	52.47
235	71.69	76.01	76.00
240	95.12	100.42	100.42
245	118.60	124.97	125.30
250	141.71	149.16	150.10
255	164.07	172.59	173.96
260	185.36	194.91	196.34
265	205.33	215.85	216.95
270	223.77	235.19	235.78
275	240.52	252.76	252.92
280	255.49	268.47	268.47
285	268.66	282.29	282.38
290	280.04	294.23	294.52
295	289.71	304.38	304.86
300	297.78	312.84	313.39
305	304.37	319.76	320.22
310	309.65	325.31	325.57
315	313.78	329.64	329.71
320	316.91	332.92	332.92
325	319.18	335.30	337.70
330	320.71	336.90	344.99
335	321.59	337.83	351.48
340	321.87	338.13	354.06
345	321.59	337.83	351.48
350	320.71	336.90	344.99
355	319.18	335.30	337.70