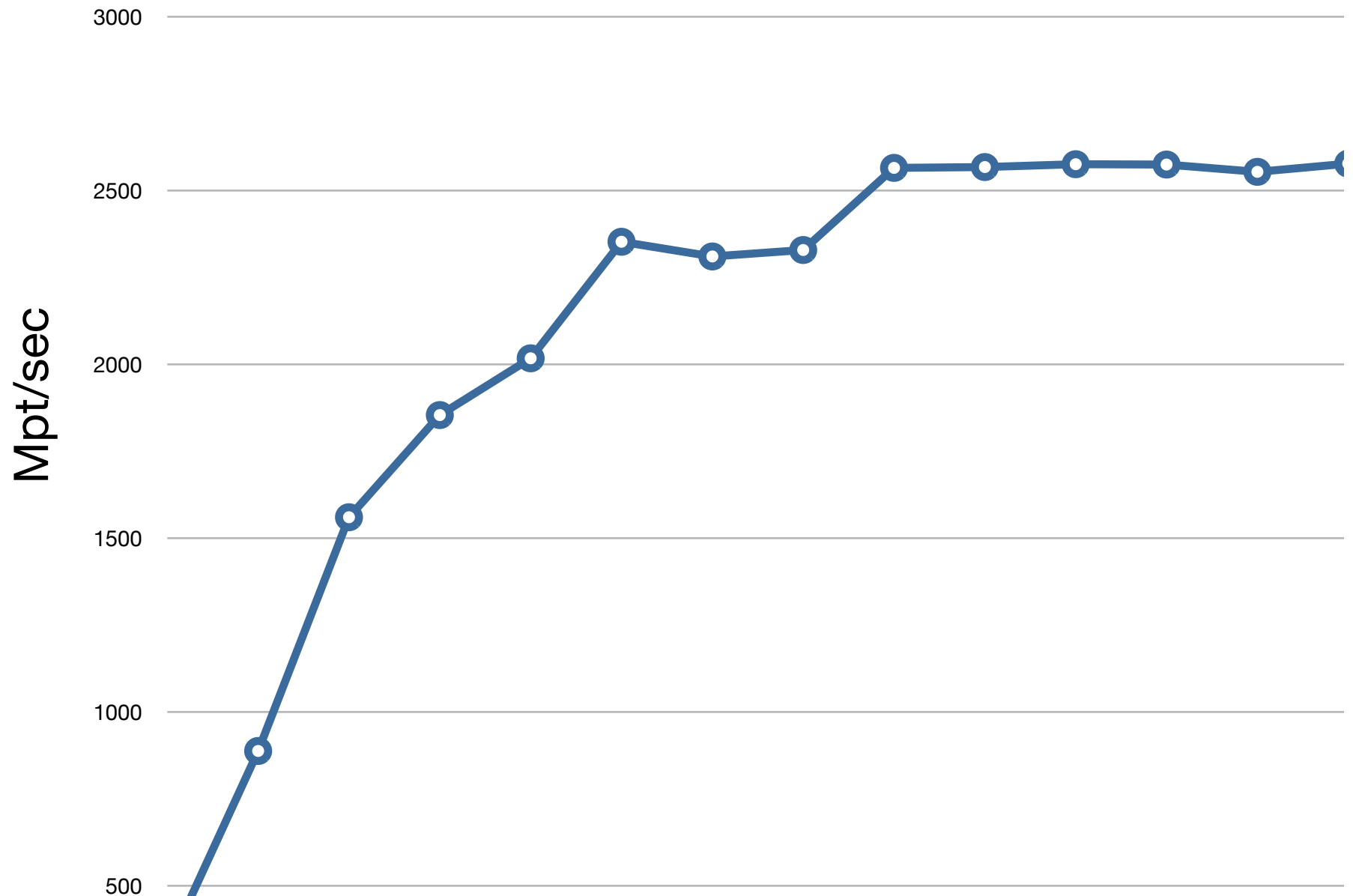


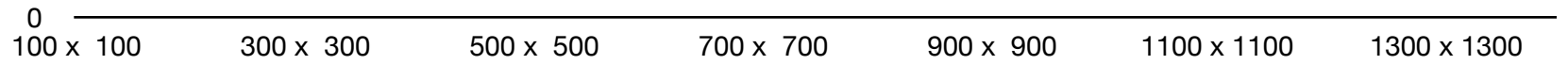
[illegible]

| CPU wave |  |  |  |  |
|----------|--|--|--|--|
|          |  |  |  |  |
|          |  |  |  |  |

| grid dim    | grid size | mod(s)  | mod(Mpt/s) | mig(s)  | migFD(Mpt/sec) | migXC(Mpt/sec) |
|-------------|-----------|---------|------------|---------|----------------|----------------|
| 100 x 100   | 10000     | 0.08681 | 318.50     | 0.18750 | 368.22         | 74.07          |
| 200 x 200   | 40000     | 0.12470 | 886.87     | 0.27986 | 924.47         | 272.37         |
| 300 x 300   | 90000     | 0.17316 | 1559.26    | 0.39187 | 1565.28        | 575.88         |
| 400 x 400   | 160000    | 0.25386 | 1853.15    | 0.61435 | 1763.97        | 581.16         |
| 500 x 500   | 250000    | 0.36013 | 2016.48    | 0.88609 | 1885.16        | 627.87         |
| 600 x 600   | 360000    | 0.45924 | 2351.71    | 1.10858 | 2186.05        | 896.29         |
| 700 x 700   | 490000    | 0.62927 | 2309.43    | 1.42966 | 2180.81        | 1499.74        |
| 800 x 800   | 640000    | 0.80832 | 2328.02    | 1.88295 | 2146.60        | 1451.18        |
| 900 x 900   | 810000    | 0.94765 | 2564.25    | 2.23991 | 2328.15        | 1594.26        |
| 1000 x 1000 | 1000000   | 1.15951 | 2566.64    | 2.76773 | 2320.91        | 1464.76        |
| 1100 x 1100 | 1210000   | 1.38937 | 2574.82    | 3.27674 | 2302.20        | 2117.53        |
| 1200 x 1200 | 1440000   | 1.67843 | 2573.84    | 3.90082 | 2319.79        | 2449.72        |
| 1300 x 1300 | 1690000   | 1.97380 | 2552.87    | 4.62227 | 2299.76        | 2097.63        |
| 1400 x 1400 | 1960000   | 2.25615 | 2576.51    | 5.23516 | 2315.55        | 2712.32        |
| 1500 x 1500 | 2250000   | 2.47256 | 2729.96    | 5.79884 | 2439.75        | 2542.51        |
| 1600 x 1600 | 2560000   | 2.83026 | 2699.98    | 6.54269 | 2412.08        | 3699.84        |
| 1700 x 1700 | 2890000   | 3.22118 | 2666.29    | 7.56123 | 2384.02        | 2411.90        |
| 1800 x 1800 | 3240000   | 3.59350 | 2704.89    | 8.32015 | 2415.03        | 3592.56        |

## FDTD performance





Grid dimensions

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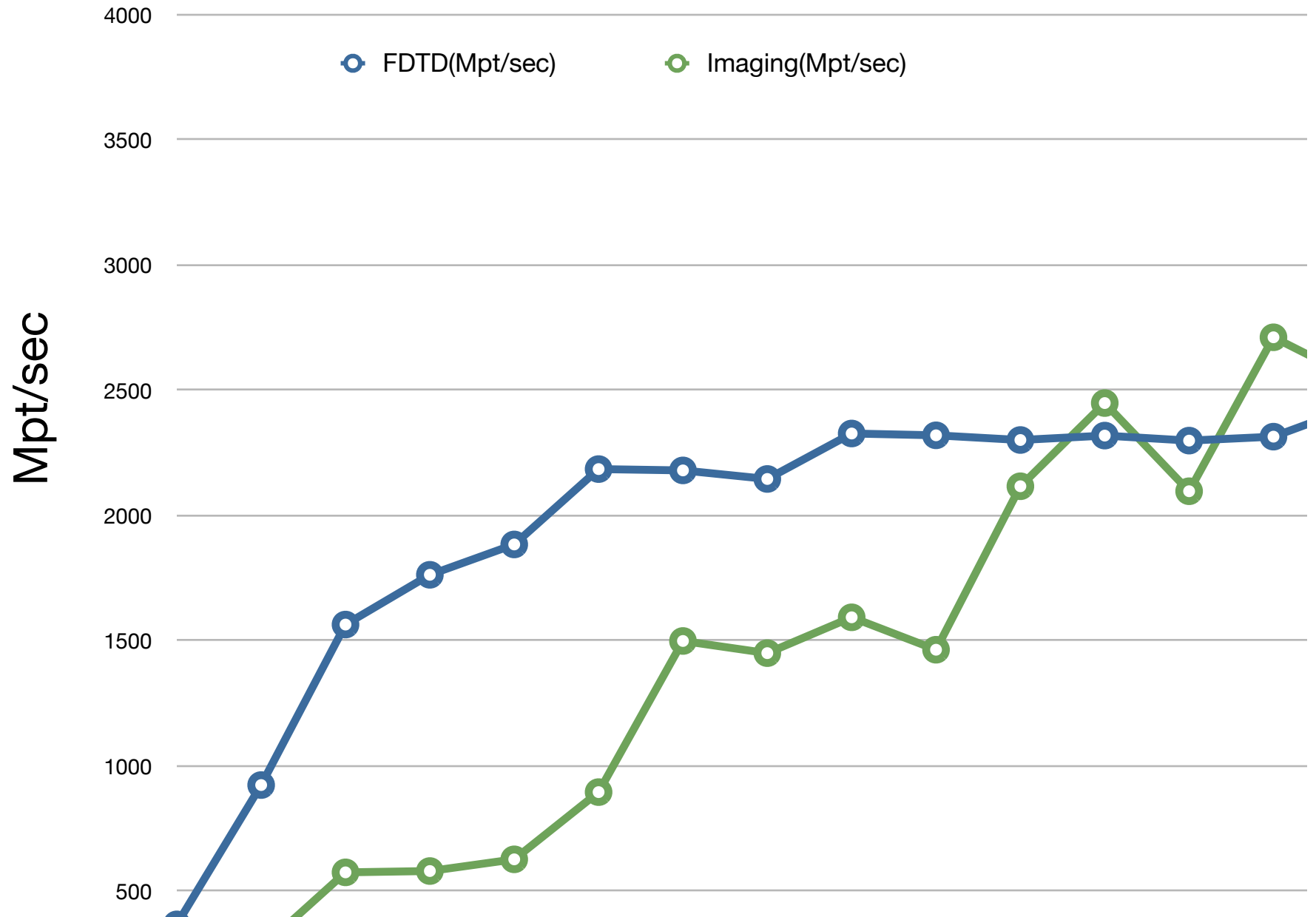
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1500 x 1500

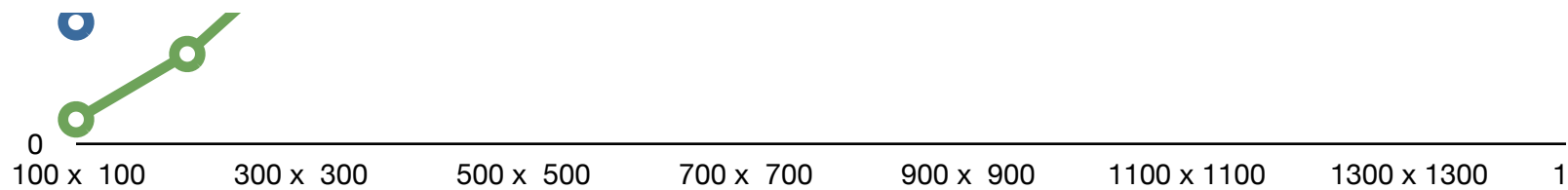
1700 x 1700

1800 x 1800

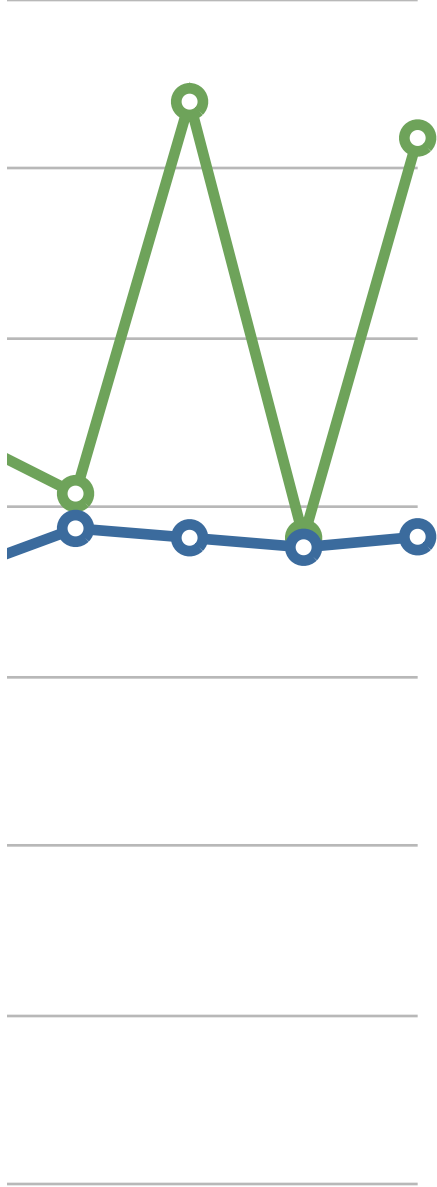
# RTM performance







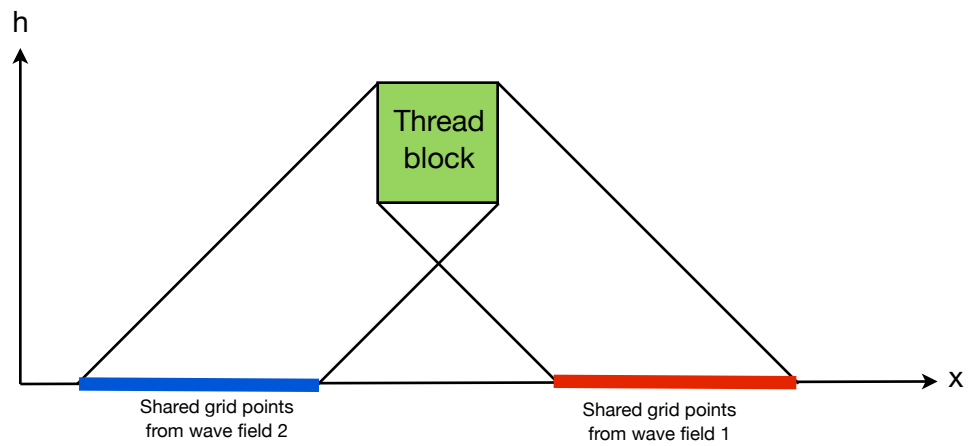
Grid dimensions

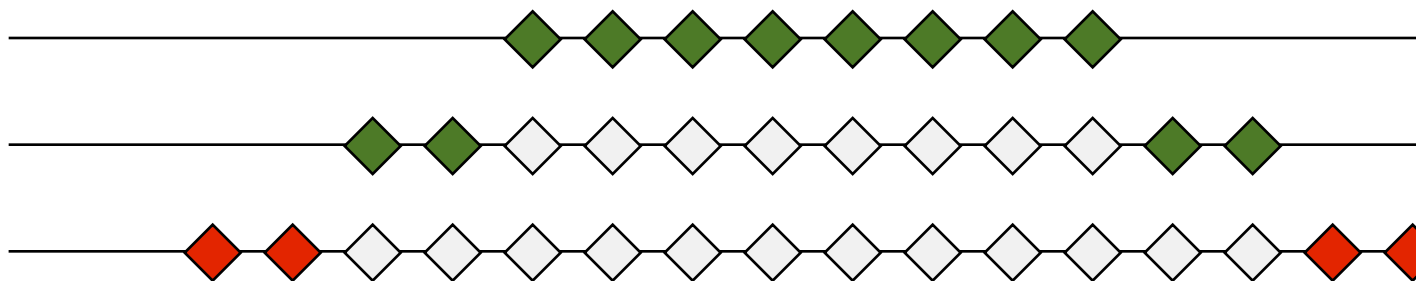


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500 x 1500

1700 x 1700





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