

Problem Size			Average Execution Time (seconds)		
NX	NY	MBytes	CPU	GPU - custom	GPU - cuBLAS
2000	3000	45,78	0,075025	0,005387	0,000625
4096	4096	128,00	0,209489	0,012213	0,001500
16000	16000	1953,13	3,219159	0,243051	0,023177
16000	32000	3906,25	6,760477	0,979742	0,047232
35840	17408	4760,00	8,733589	0,601574	0,056956
32000	32000	7812,5	46,850101	not enough memory for a single transaction	