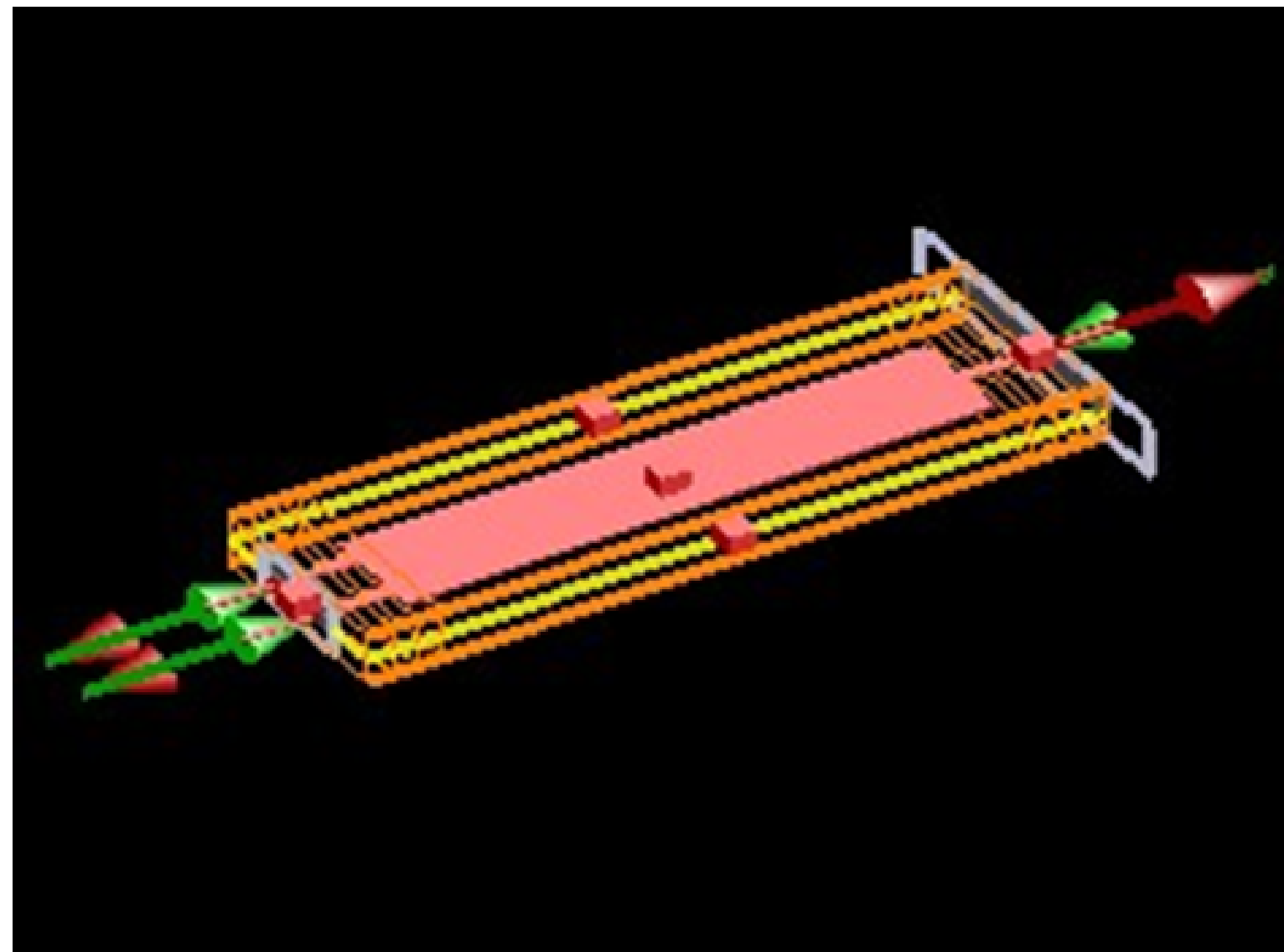


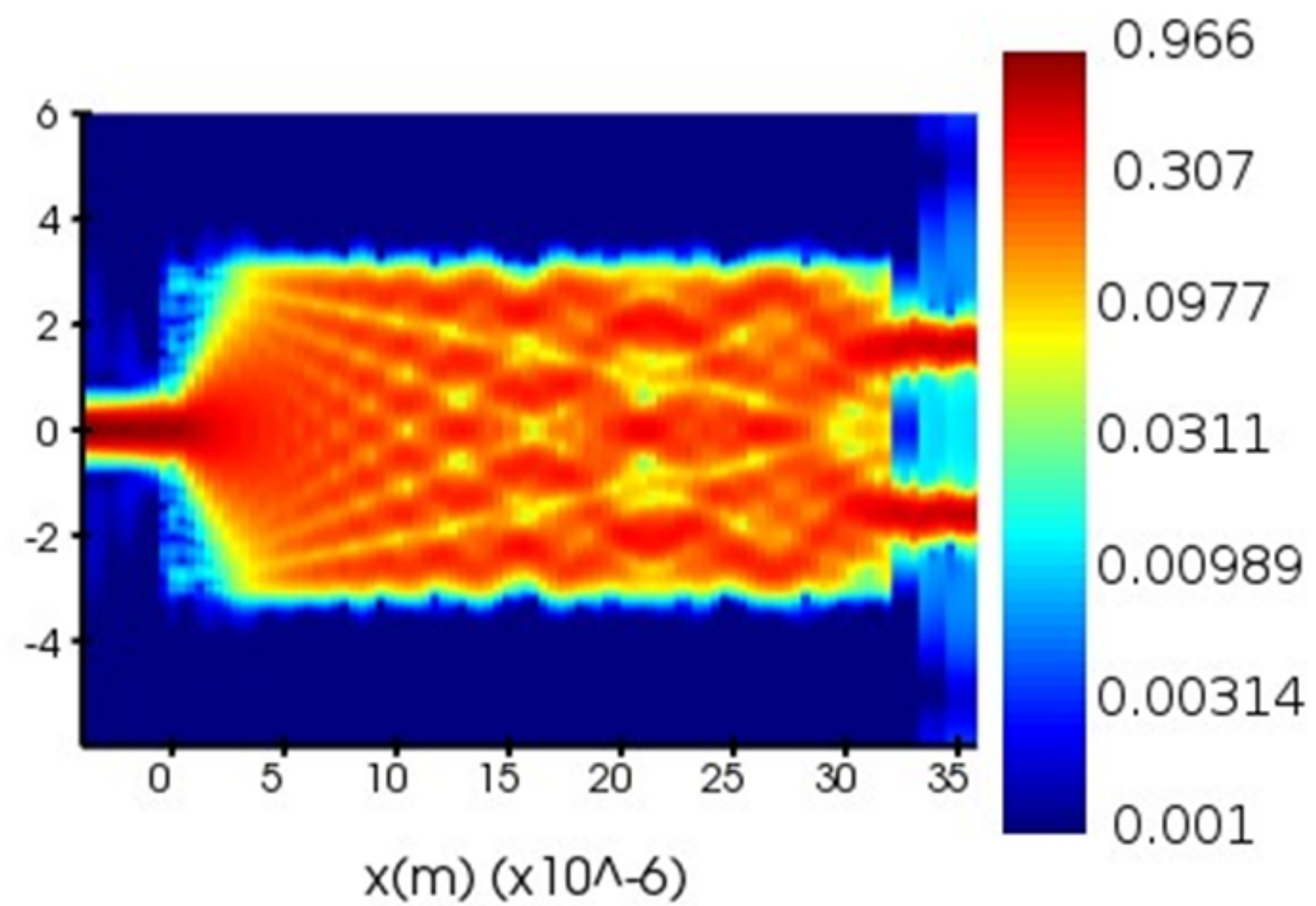
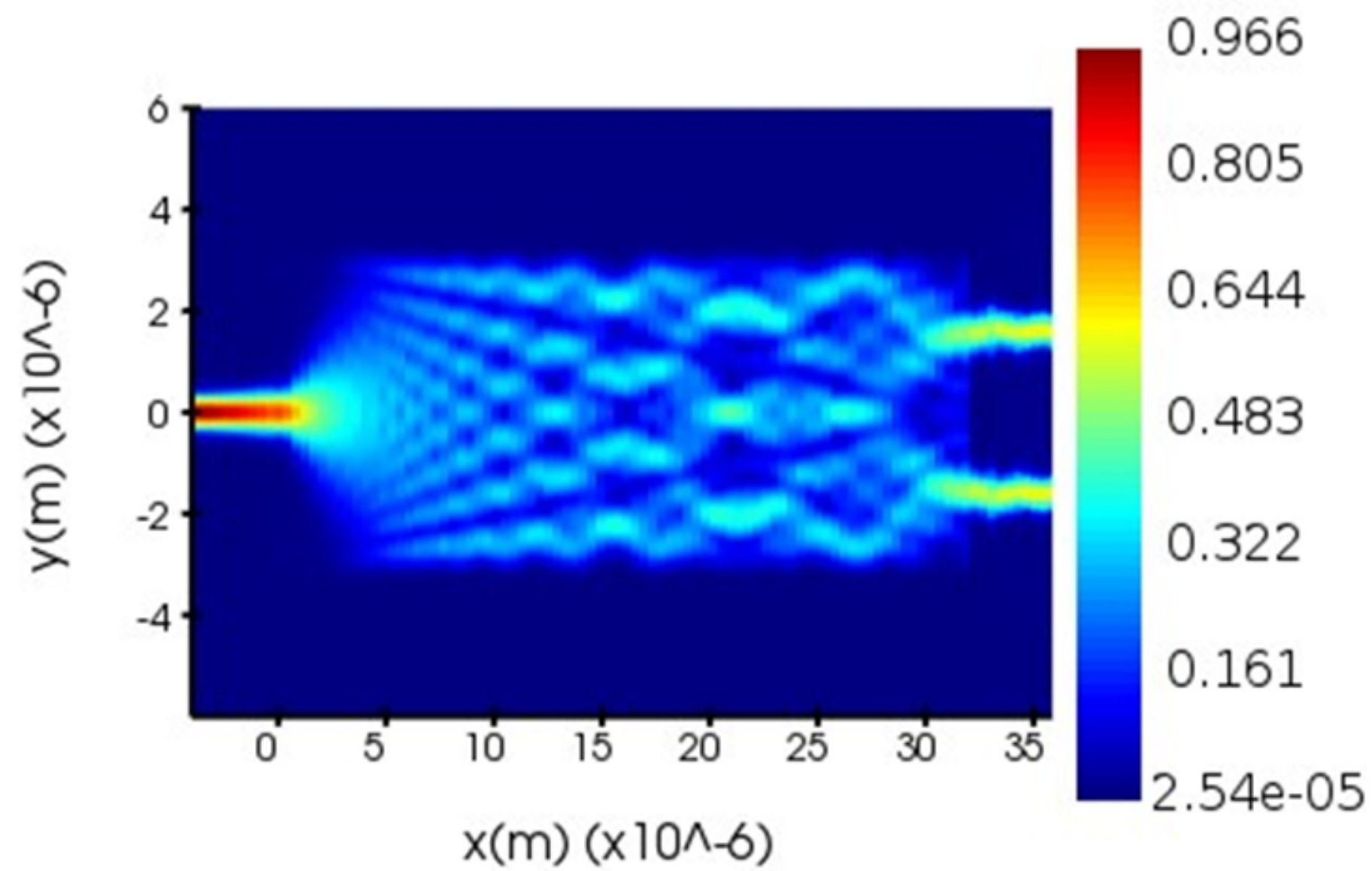
Relatório de atividade

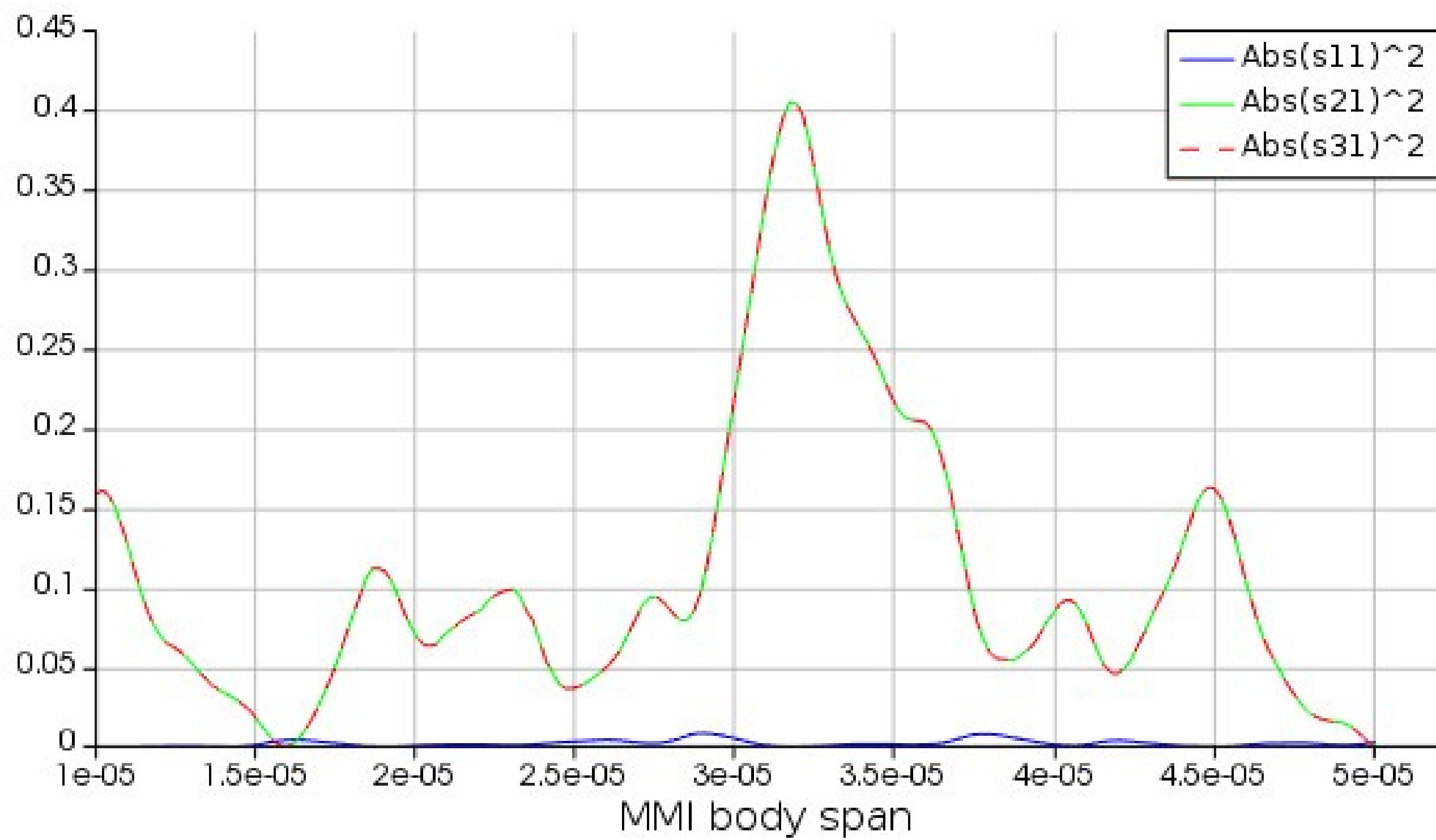
Multimode interference (MMI) coupler 1 x 2 para divisão de
potência em 50/50

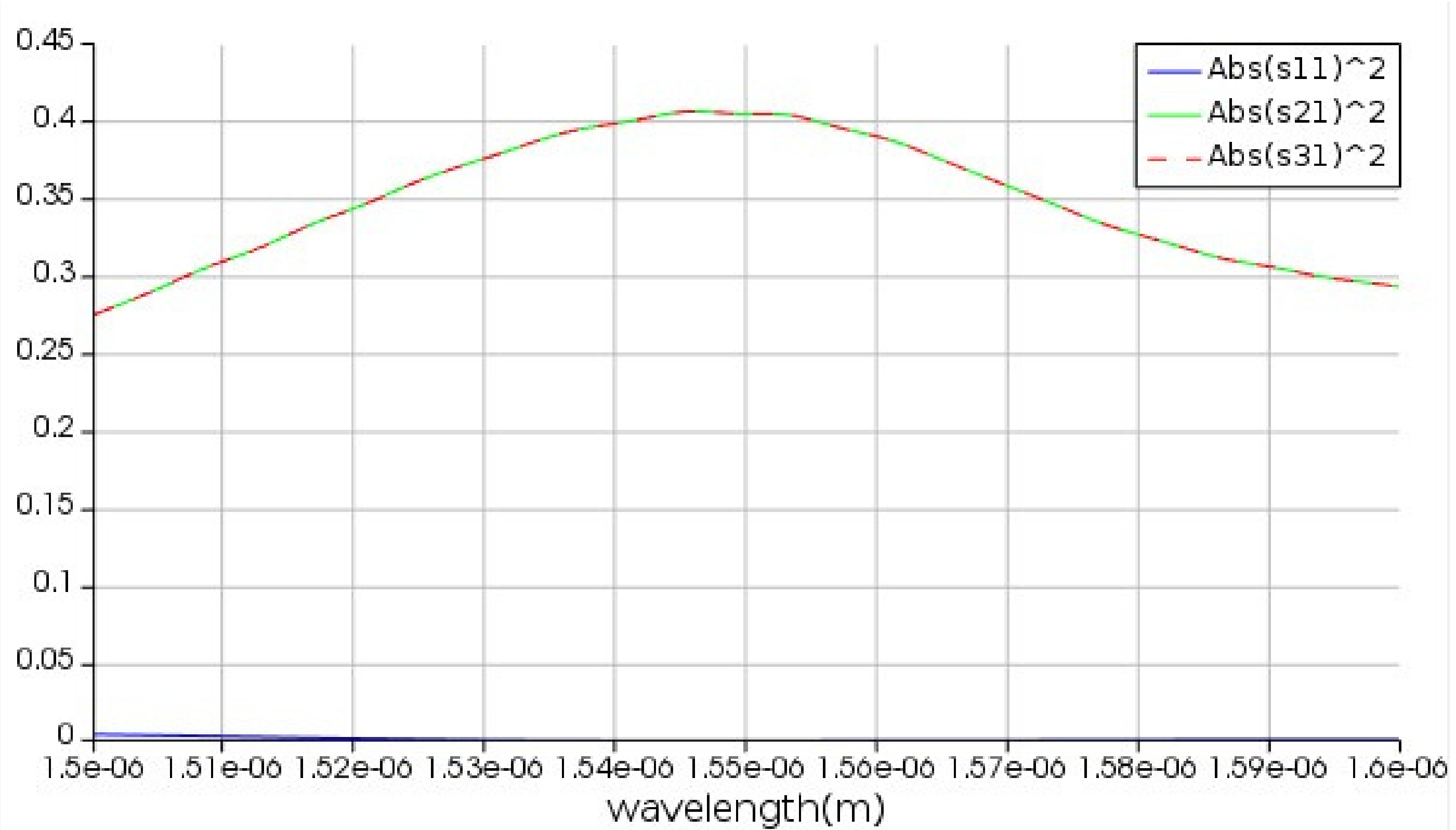
Primeira geração de simulações

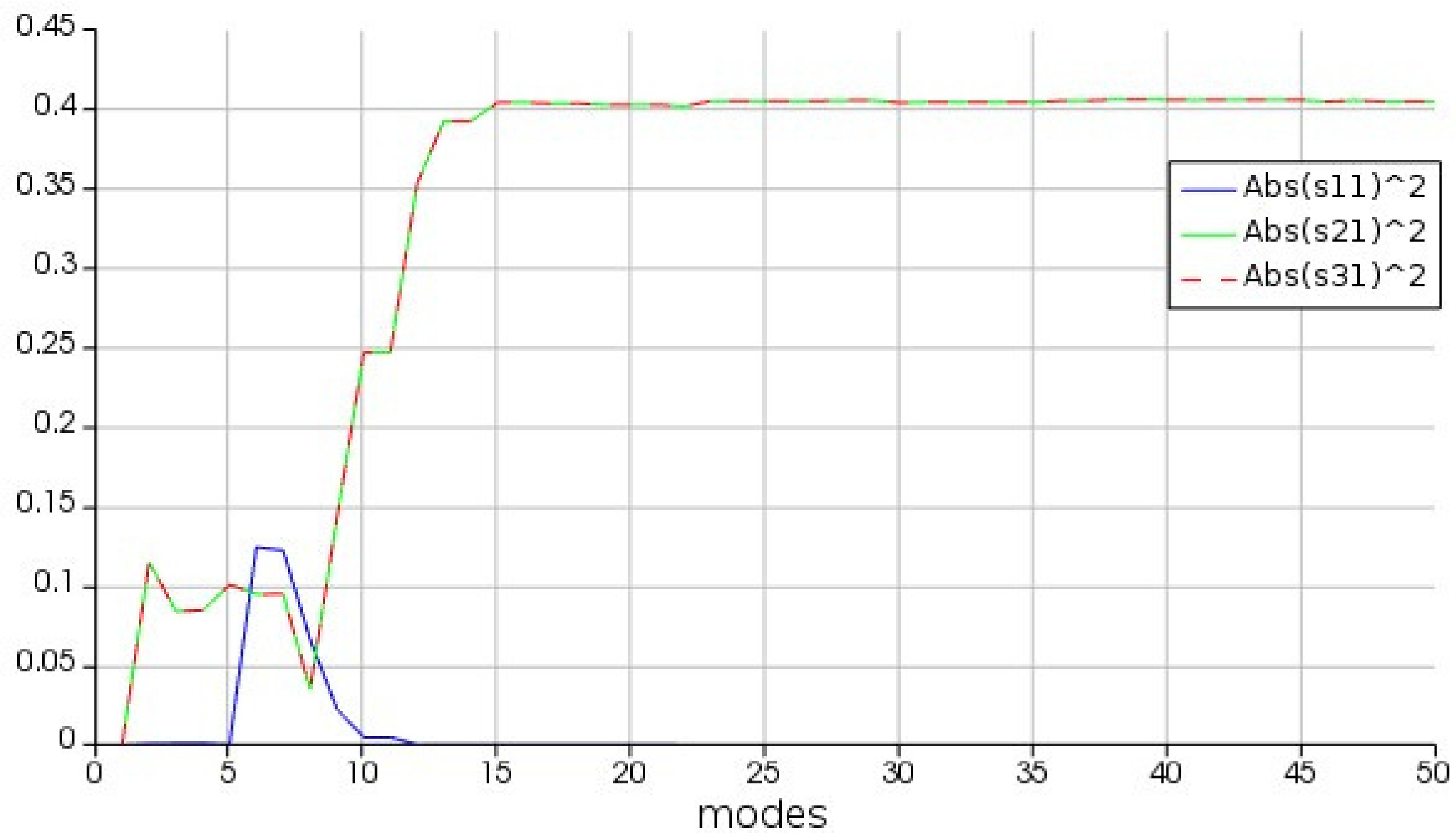
- $\lambda = 1,55\mu\text{m}$
- Largura do MMI = $6\mu\text{m}$
- Comprimento = $31.8\mu\text{m}$
- Largura dos Tappers = $1\mu\text{m}$







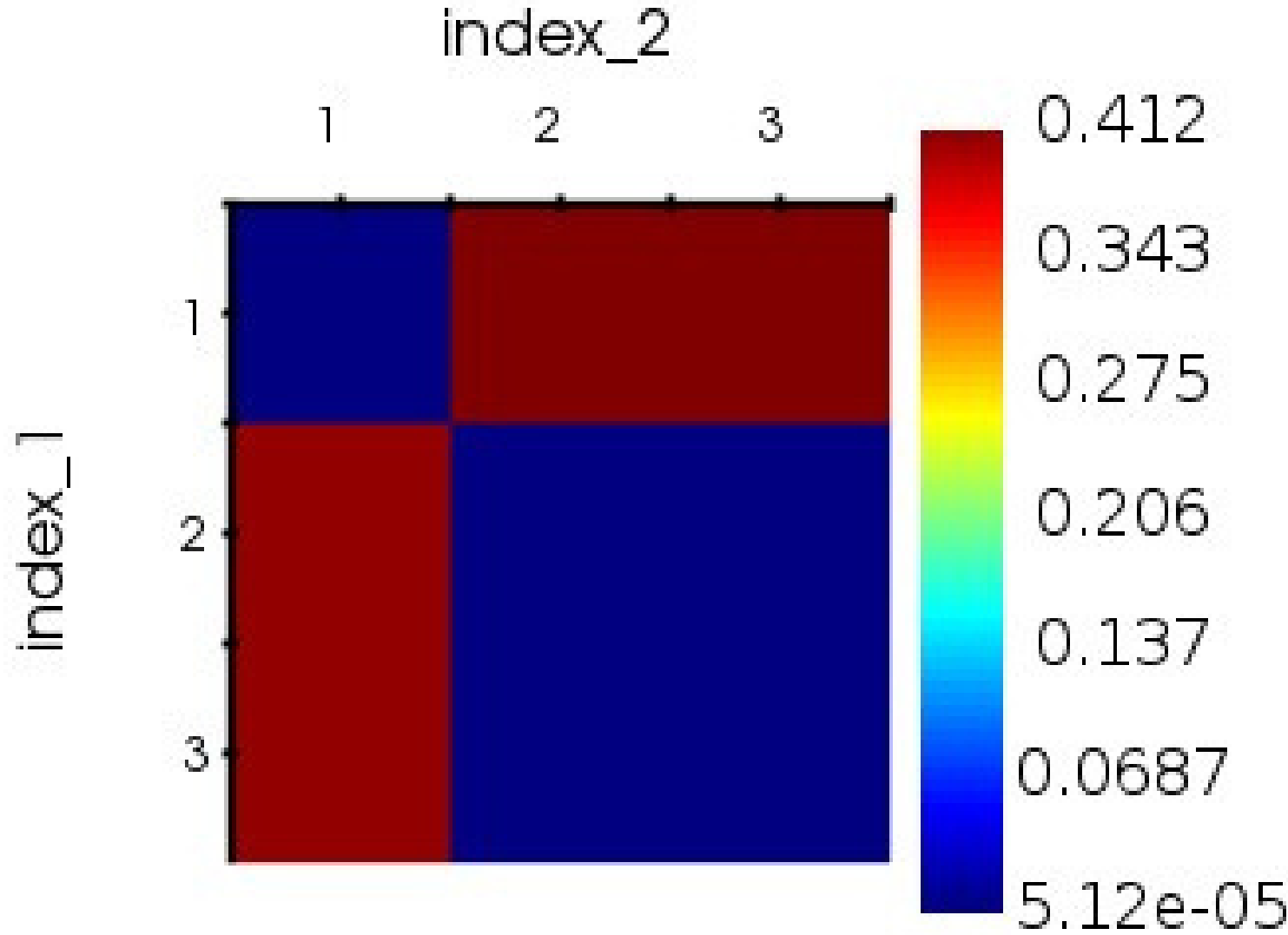




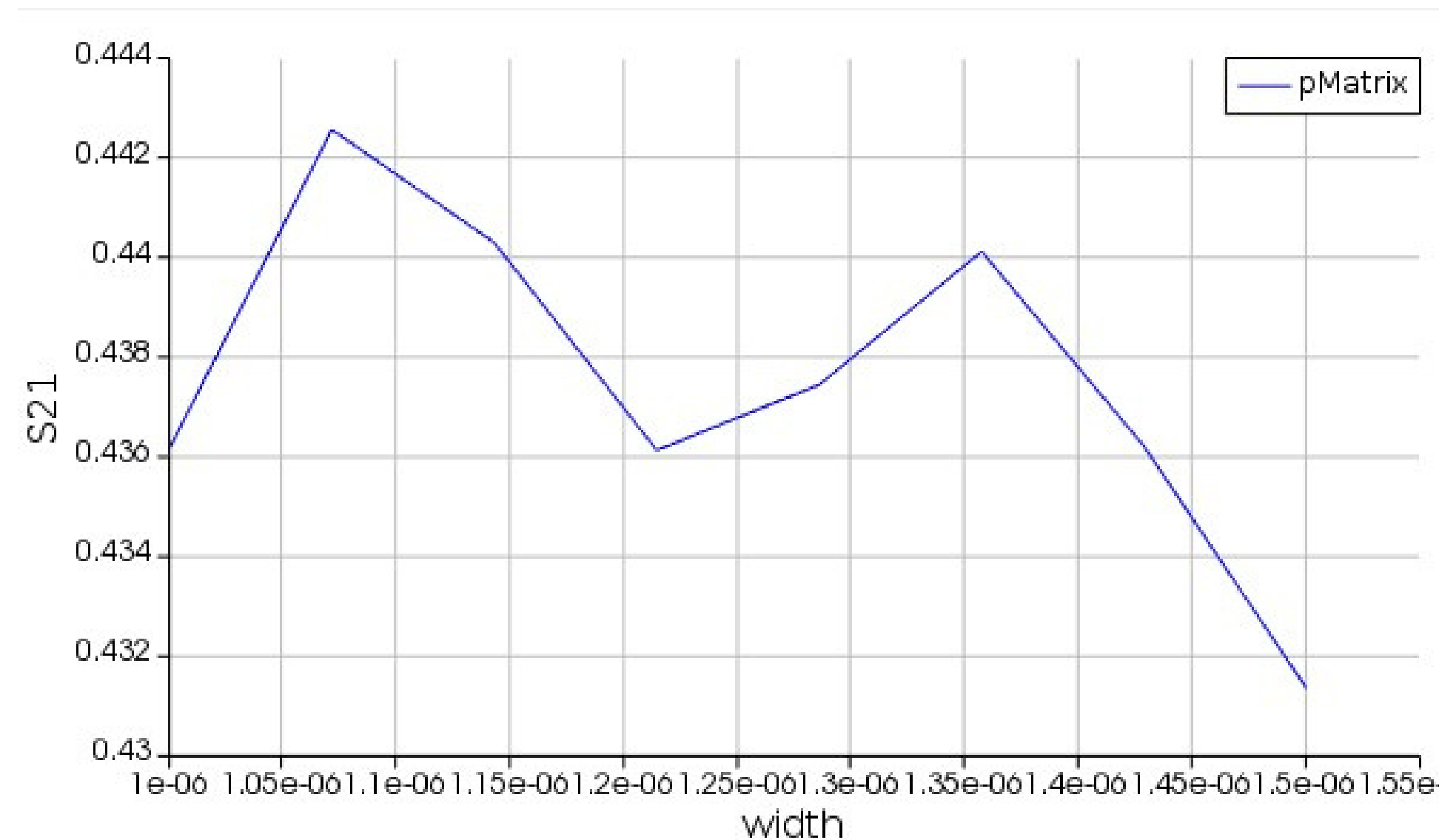
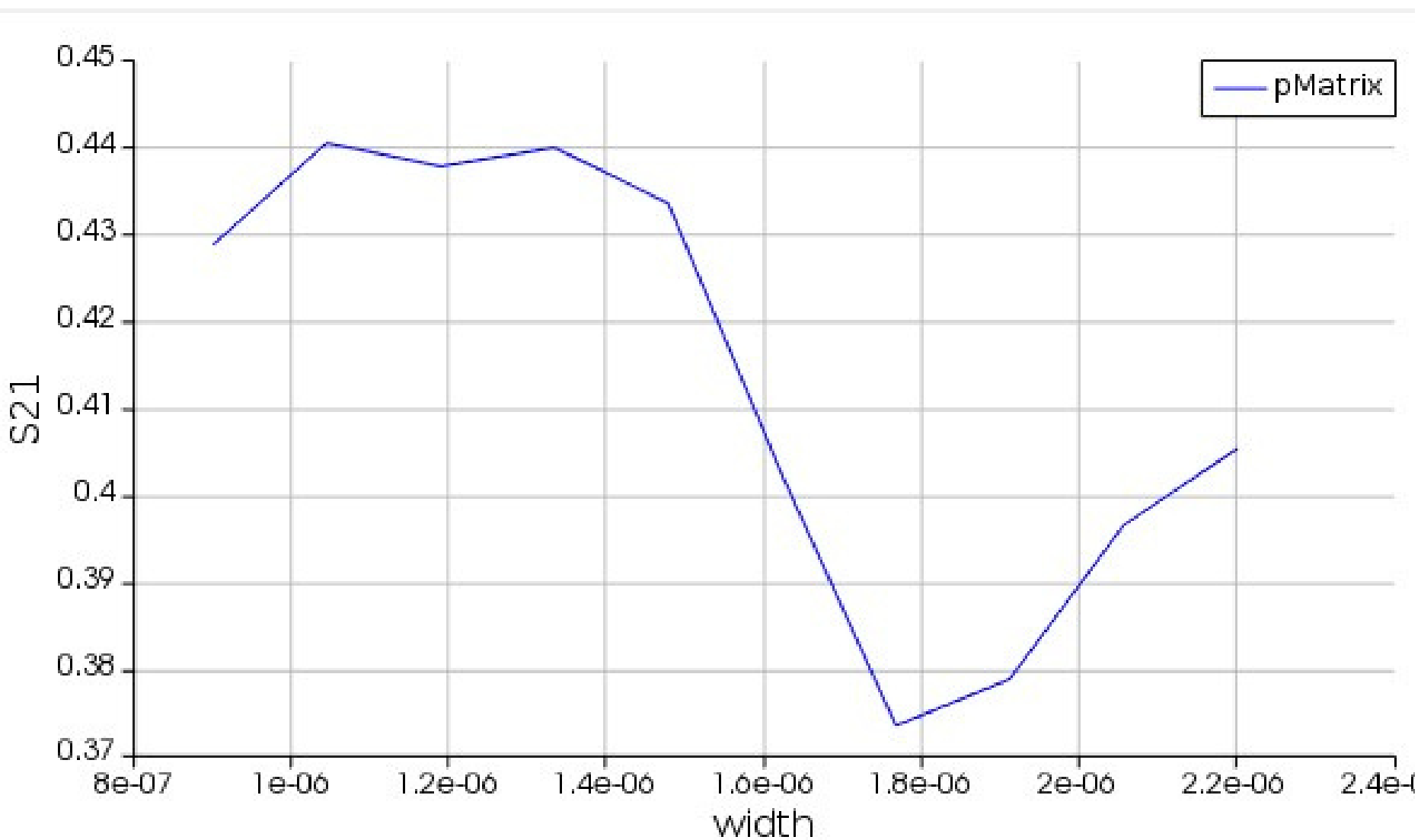


EME:user s matrix <3 x 3 double>

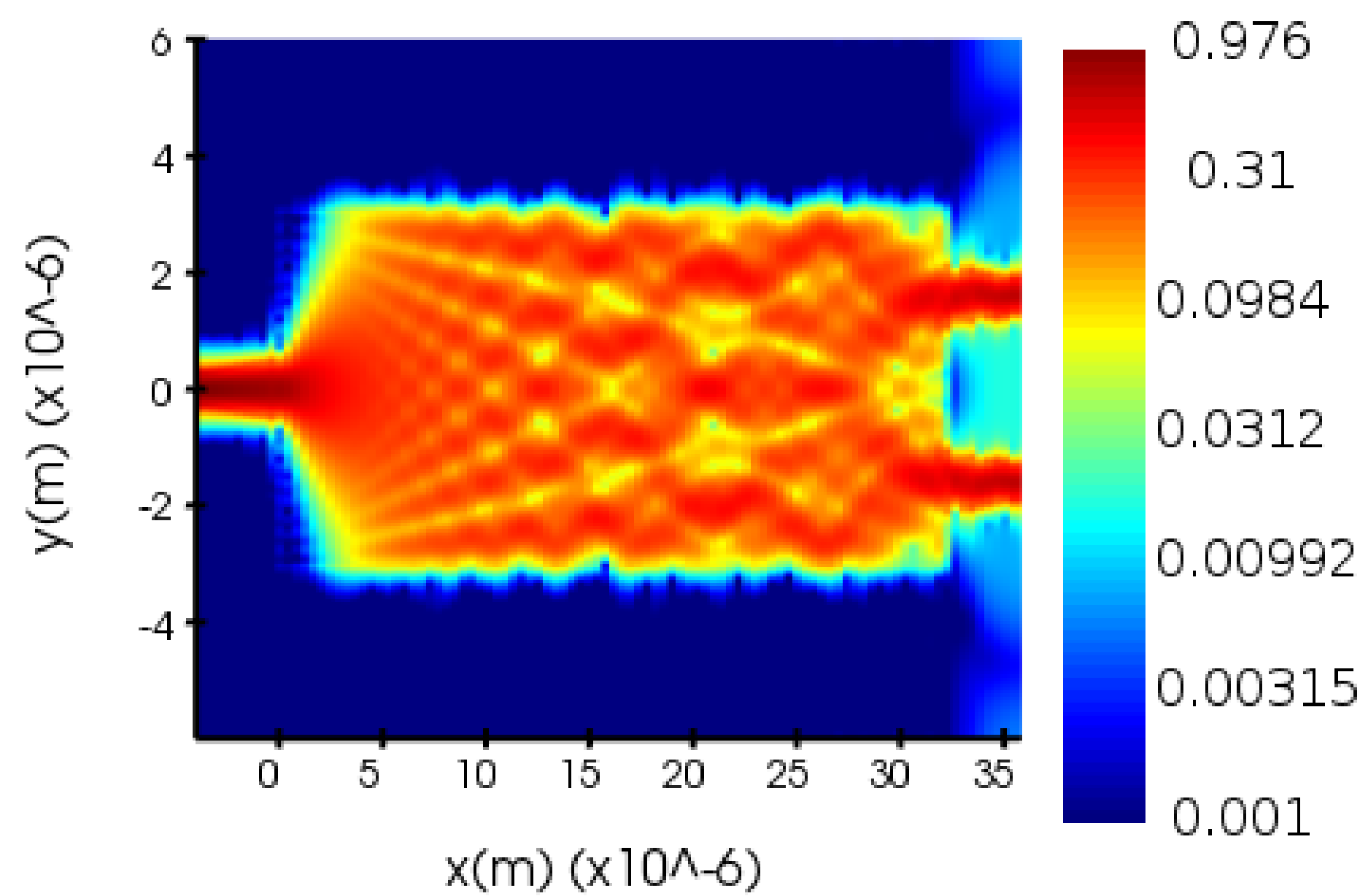
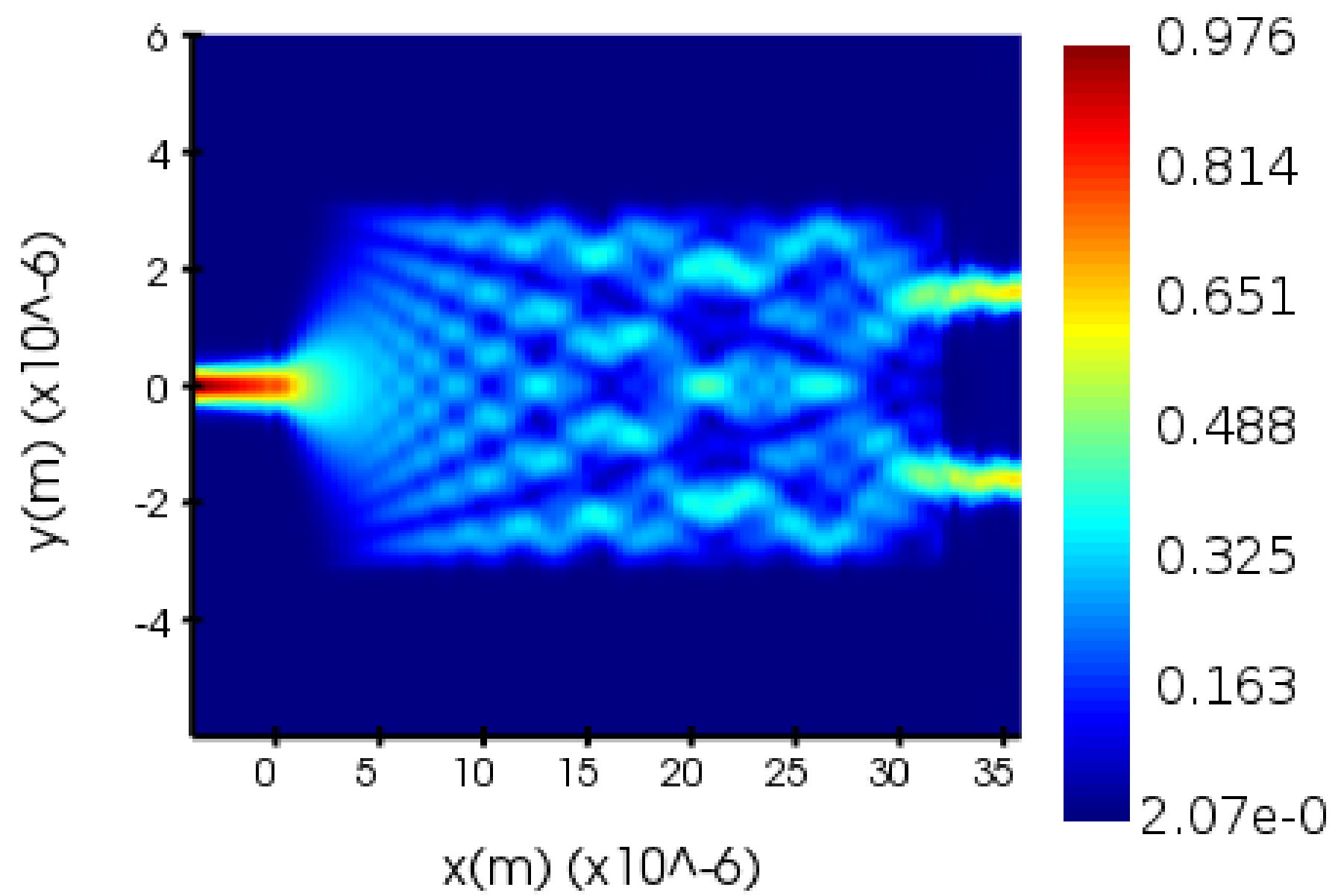
	1	2	3
1	5.11743e-05	0.412162	0.412162
2	0.40489	0.000134174	0.000535217
3	0.40489	0.000535217	0.000134174



Segunda geração de simulações

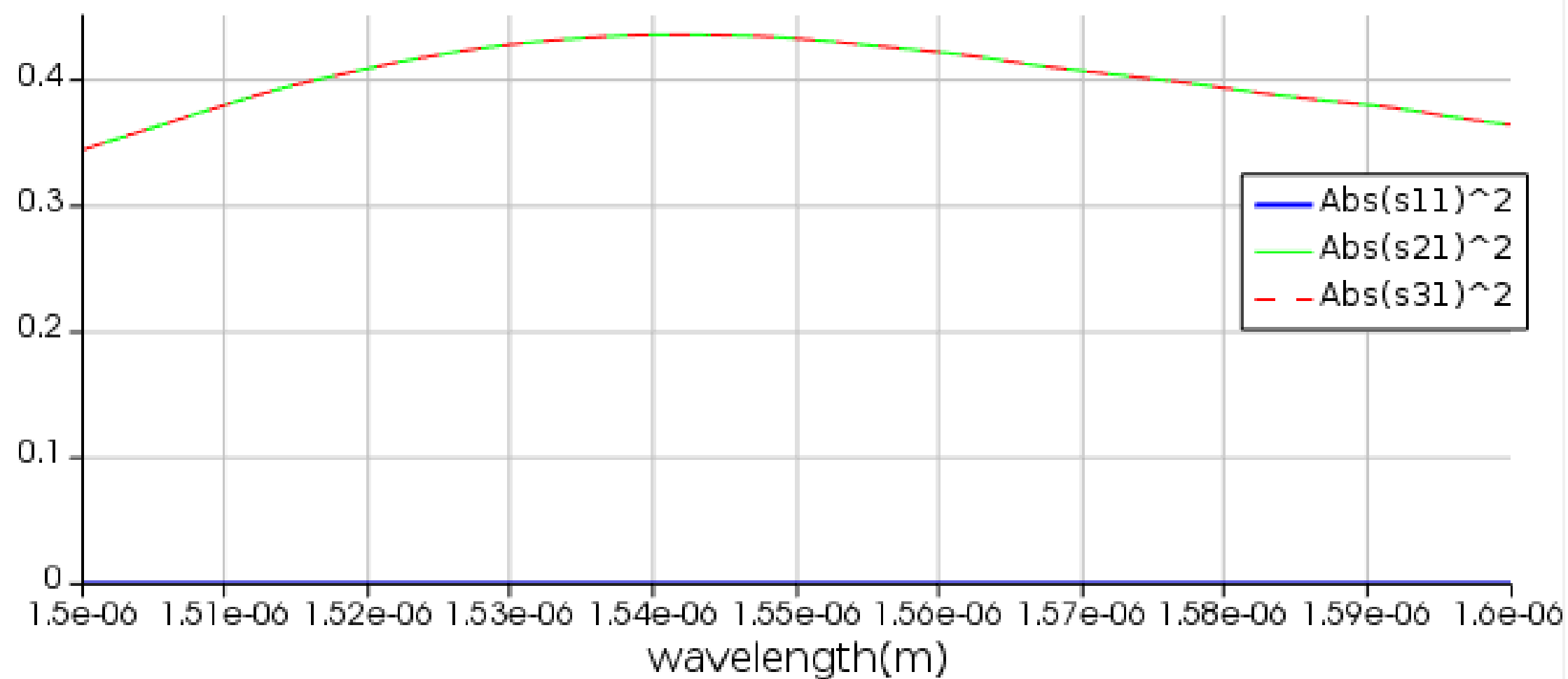


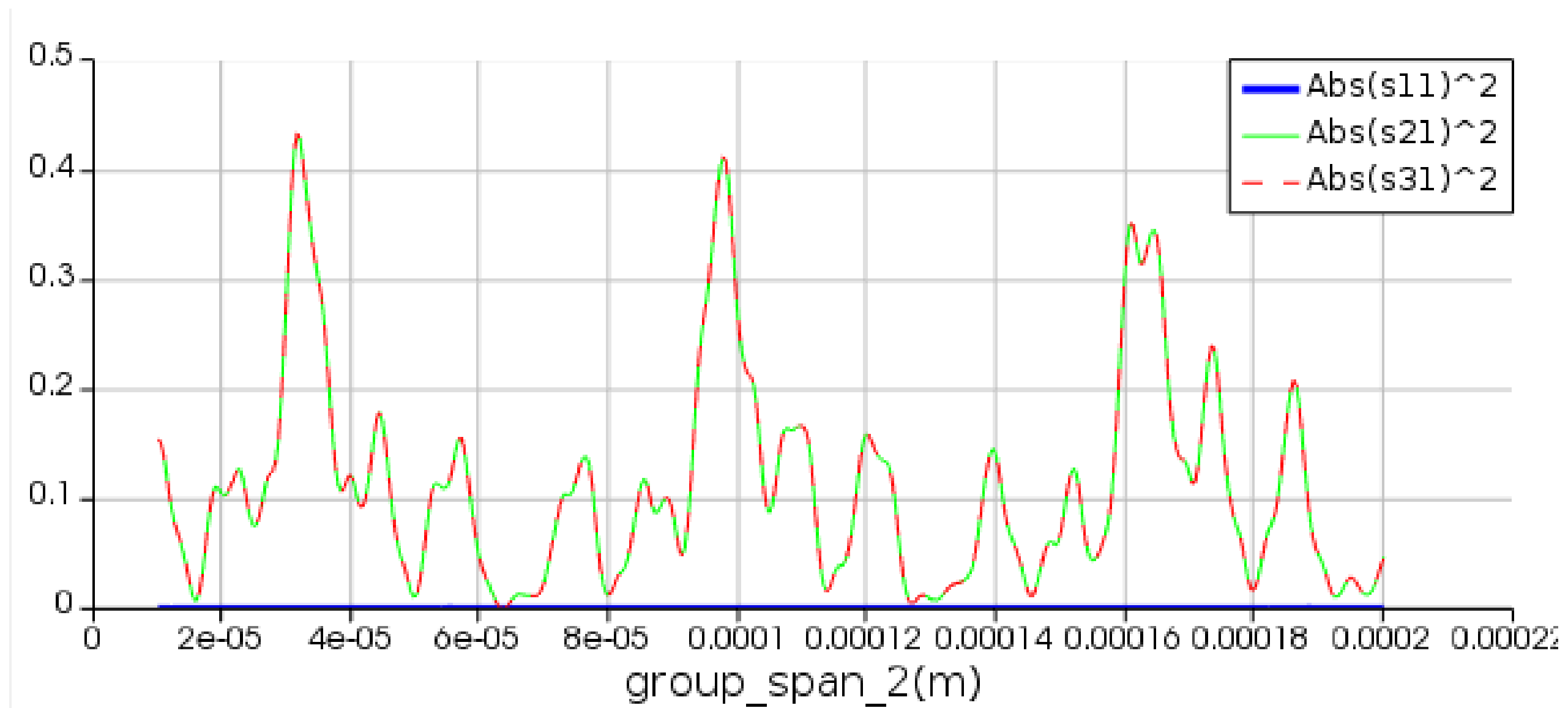
Largura ótima escolhida para os tappers: 1.1um



EME:user s matrix <3 x 3 double>

	1	2	3
1	1.12796e-07	0.429404	0.429404
2	0.429735	0.000487448	0.000483599
3	0.429735	0.000483599	0.000487448





Antes

EME:user s matrix <3 x 3 double>

	1	2	3
1	5.11743e-05	0.412162	0.412162
2	0.40489	0.000134174	0.000535217
3	0.40489	0.000535217	0.000134174

Depois

EME:user s matrix <3 x 3 double>

	1	2	3
1	1.12796e-07	0.429404	0.429404
2	0.429735	0.000487448	0.000483599
3	0.429735	0.000483599	0.000487448

Mode Explorer

