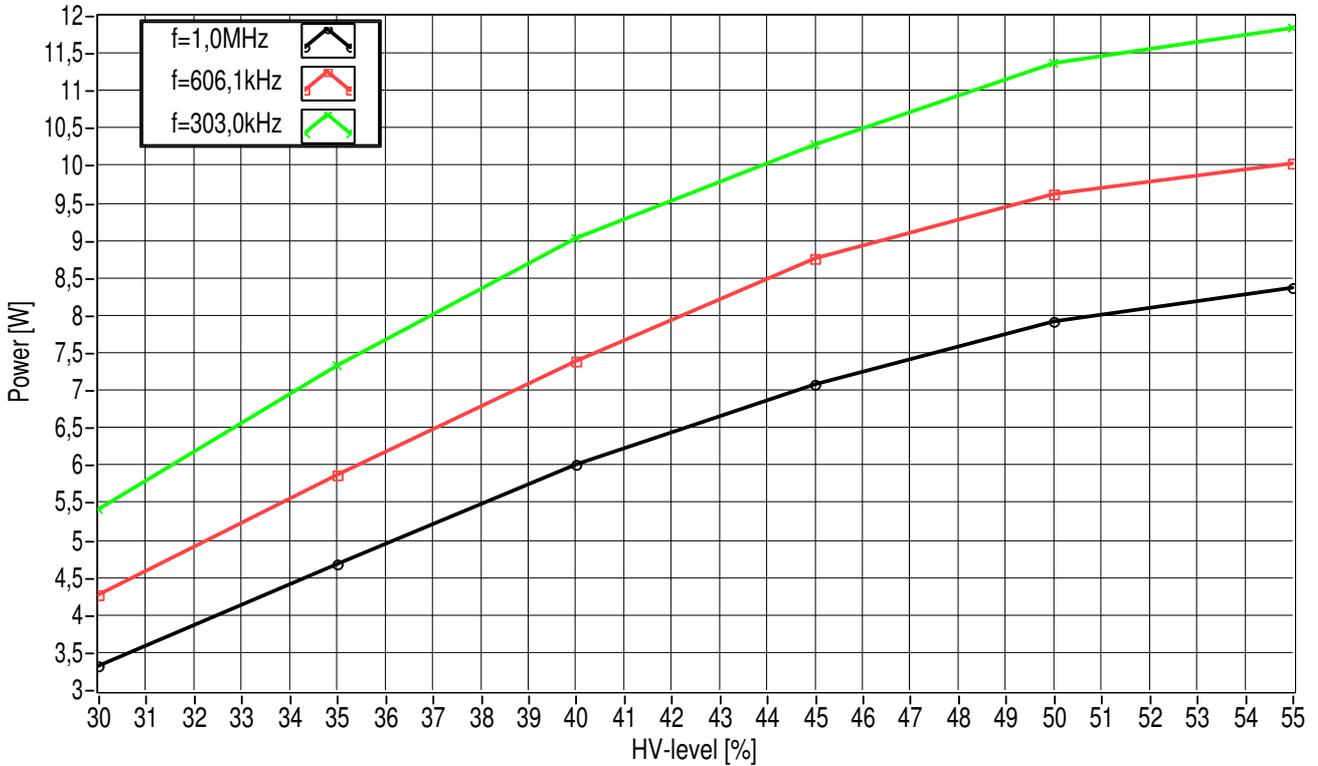


Laser SN: 0702 Seeder freq.: 20,2MHz Water temp.: 25°C I1max(seeder): 2,9A
 Wavelength: 532nm Max. freq.: 20,2MHz Water flow: 6l/min I1min(seeder): 2,9A
 P. on time: 583 h Min. freq.: 101,2kHz Oven temp.: 40,40°C I2max(amp.): 46A

Power vs. HV-level

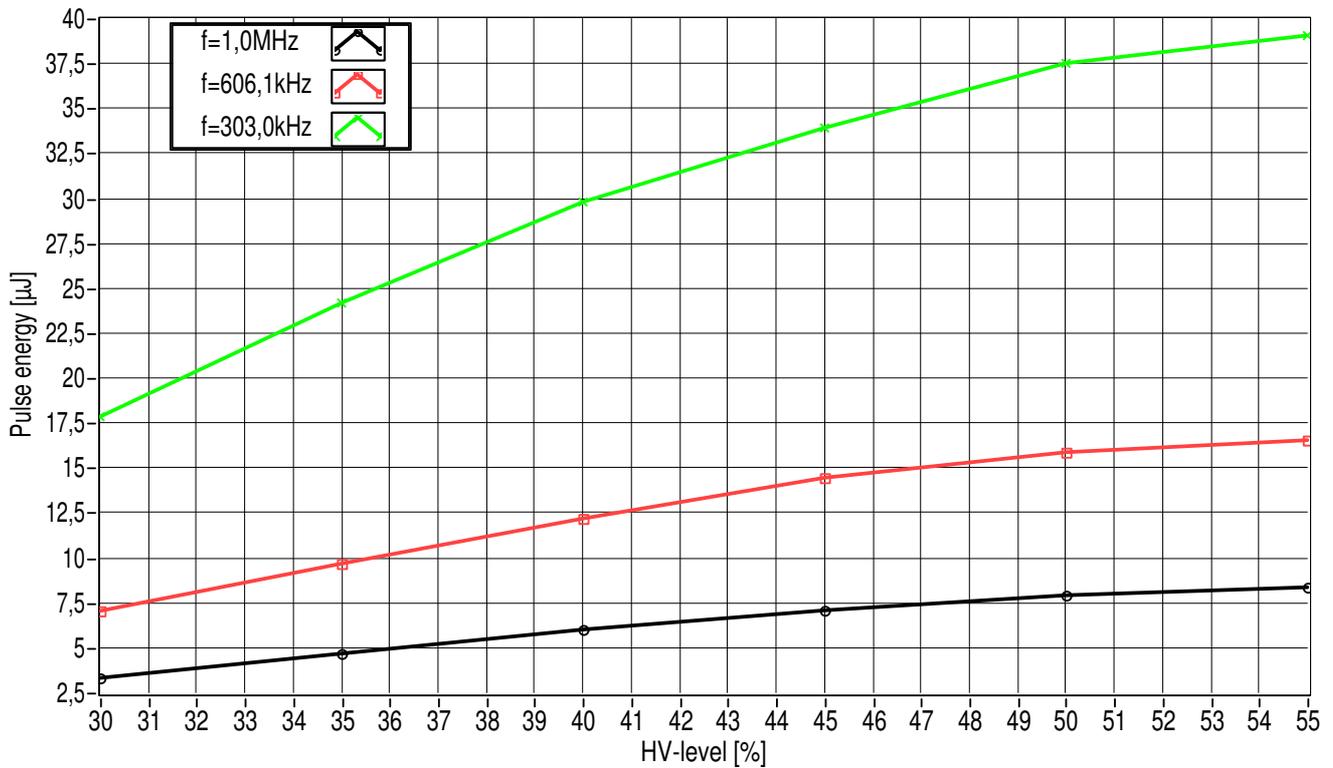


Frequency	30%	35%	40%	45%	50%	55%
f=1,0MHz	3,3 W	4,7 W	6,0 W	7,1 W	7,9 W	8,4 W
f=606,1kHz	4,3 W	5,9 W	7,4 W	8,8 W	9,6 W	10,0 W
f=303,0kHz	5,4 W	7,3 W	9,0 W	10,3 W	11,4 W	11,8 W

Max. currents at different burst frequencies

Frequency range	SFD	I1max	I2max
20000 - 200kHz	1 - 100	2,9 A	46 A
198 - 133kHz	101 - 150	2,9 A	46 A
132 - 100kHz	151 - 200	2,9 A	46 A

Pulse energy vs. HV-level



Frequency	30%	35%	40%	45%	50%	55%
f=1,0MHz	3,3 µJ	4,7 µJ	6,0 µJ	7,1 µJ	7,9 µJ	8,4 µJ
f=606,1kHz	7,0 µJ	9,7 µJ	12,2 µJ	14,5 µJ	15,9 µJ	16,5 µJ
f=303,0kHz	17,8 µJ	24,2 µJ	29,8 µJ	33,9 µJ	37,5 µJ	39,1 µJ

Max. currents at different burst frequencies

Frequency range	SFD	I1max	I2max
20000 - 200kHz	1 - 100	2,9 A	46 A
198 - 133kHz	101 - 150	2,9 A	46 A
132 - 100kHz	151 - 200	2,9 A	46 A