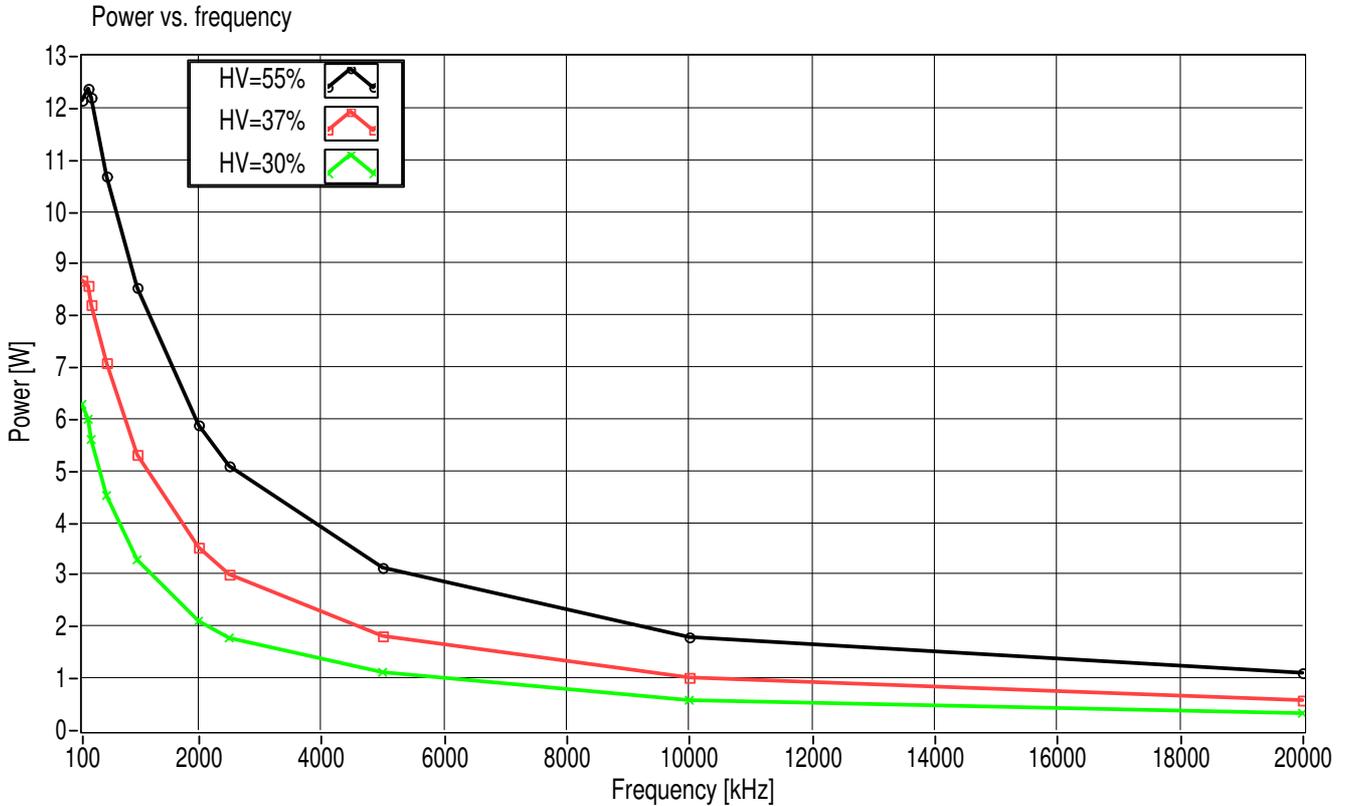


Laser SN: 0702 Seeder freq.: 20,2MHz Water temp.: 25°C I1max(seeder):2,9A
 Wavelength: 532nm Max. freq.: 20,2MHz Water flow: 6l/min I1min(seeder): 2,9A
 P. on time: 584 h Min. freq.: 101,2kHz Oven temp.: 40,40°C I2max(amp.): 46A

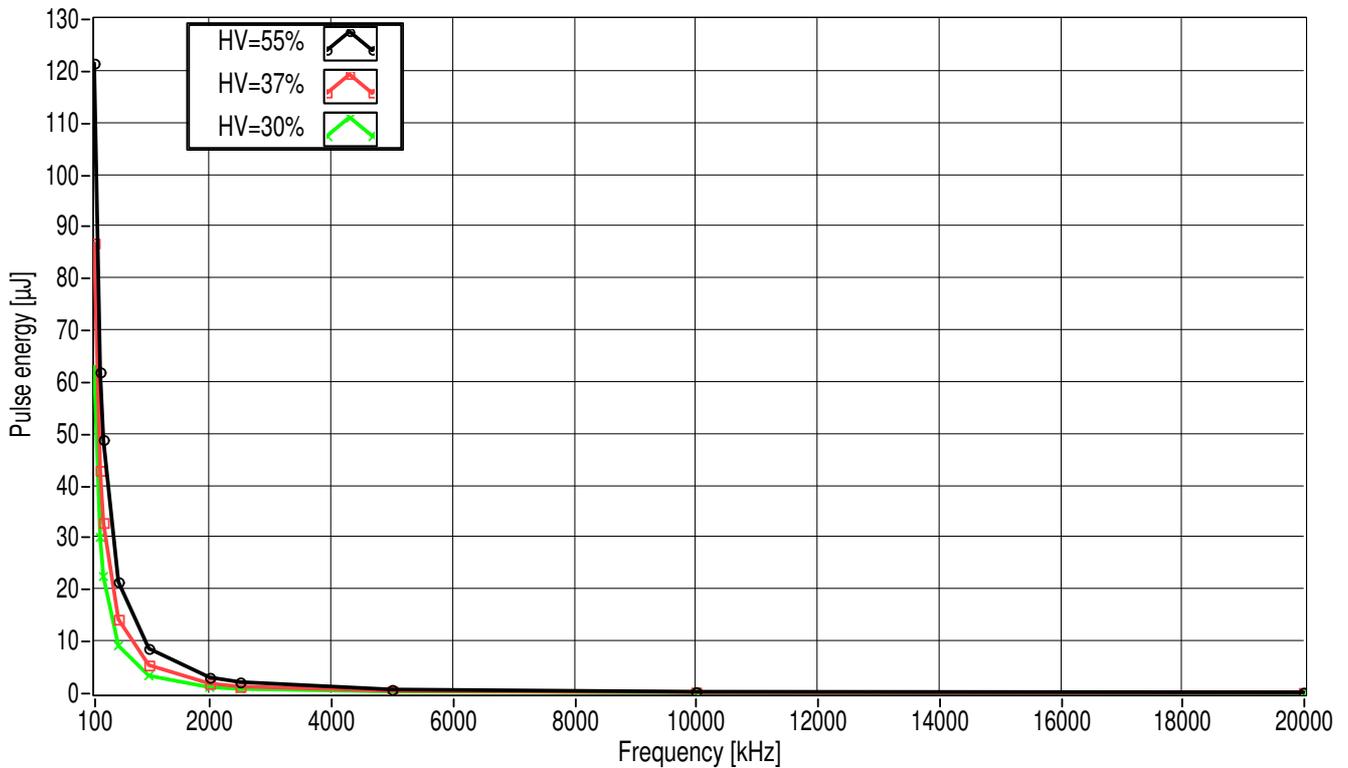


HV-level	100,0kHz	200,0kHz	250,0kHz	500,0kHz	1,0MHz	2,0MHz	2,5MHz	5,0MHz	10,0MHz	20,0MHz
HV=55%	12,14 W	12,37 W	12,20 W	10,68 W	8,53 W	5,88 W	5,09 W	3,13 W	1,79 W	1,10 W
HV=37%	8,67 W	8,57 W	8,20 W	7,08 W	5,31 W	3,52 W	3,00 W	1,81 W	1,01 W	0,57 W
HV=30%	6,28 W	5,99 W	5,60 W	4,52 W	3,28 W	2,10 W	1,77 W	1,11 W	0,57 W	0,32 W

Max. currents at different 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. frequency



HV-level	100,0kHz	200,0kHz	250,0kHz	500,0kHz	1,0MHz	2,0MHz	2,5MHz	5,0MHz	10,0MHz	20,0MHz
HV=55%	121,37 µJ	61,84 µJ	48,79 µJ	21,35 µJ	8,53 µJ	2,94 µJ	2,04 µJ	0,63 µJ	0,18 µJ	0,06 µJ
HV=37%	86,68 µJ	42,84 µJ	32,79 µJ	14,16 µJ	5,31 µJ	1,76 µJ	1,20 µJ	0,36 µJ	0,10 µJ	0,03 µJ
HV=30%	62,78 µJ	29,95 µJ	22,40 µJ	9,04 µJ	3,28 µJ	1,05 µJ	0,71 µJ	0,22 µJ	0,06 µJ	0,02 µJ

Max. currents at different 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