20W laser engraving stainless steel, color test results

The speed of two 20W lasers is tested between 1000-4000, the line interval is 0.01-0.2, and the power is 20%-55% (55% above the color dark gray to black) The results are as follows:

1. Obvious colors: orange, blue, purple, gray, black, brown;

2. Parameter range:

Color	Speed mm/m	Power	Line spacing mm
Orange	1000	30%	0.04
	2000	40%	0.03
	3000	40%-45%	0.06-0.07
	4000	45%-47%	0.04-0.05
Blue	1000	25%	0.03-0.07
	1000	30%	0.02
	1000	35%	0.05
	2000	25%	0.02-0.1
	3000	25%	0.01-0.03
	3000	30%	0.03-0.06
	4000	25%-27%	0.01-0.02
	4000	30%-32%	0.02-0.05
Purple	1000	30%	0.01-0.03
	1000	35%	0.09-0.1
	2000	35%	0.03-0.1
	3000	25%	0.04
	3000	40%	0.01-0.05
Grey	1000	35%	0.01-0.02
	1000	40%	0.03-0.1
	2000	50%	0.02-0.1
	3000	40%	0.08-0.09
	4000	50%-57%	0.01-0.1
Black	1000-3000	60%以上	0.01-0.1
Brown	3000	20%	0.01-0.02
	3000	25%	0.07-0.09
	4000	25%-27%	0.04-0.1