1. **Start laser:**
2. Start seed: enable key switch on the output section of the seed panel wait for 30 sec Tune the high power amplifier tuning knob to 9.4.
3. Start amplifier: Turn on power switch wait for 30 sec enable key switch wait for 30 sec check the output power > 0.55 W, otherwise wait tune pump current tuning knob to 4.0 (increase: clockwise; reduce: counter-clockwise) check the output power > 3.5 W, otherwise wait continue tuning pump current to 9.5 (wait until the output power > 23 W)
4. **Change repetition rate:**
5. Change CW to TRIGGERED on the AOM Control panel.
6. Left double Click icon “DLDD-V5DM” on the computer destop.
7. Choose COM3 and press “Connect”
8. Choose Control.
9. Change the external AOM output pulse frequency by selecting the dividing factor from 2 to 65536.
10. Close the system:
11. Tune pump current tuning knob to 0.00
12. Disable the key switch on amplifier
13. Turn off power switch on amplifier
14. Tune the high power amplifier tuning knob to 0.0.
15. Disable the key switch on the output section of the seed panel.