HV pulser to be used initially

FID pulser specs (ordered by Cornell):
- output into 50 Ohm: ±1 kV
- Amplitude stability in burst mode 0.3 – 0.5%
- Pre- and after-pulses 0.3 – 0.5%
- Rise time 10-90% of amplitude 0.6 – 0.7 ns
- Pulse duration at 90% of Umax 2 – 2.5 ns
- Fall time 90-10% of amplitude 1 – 1.5 ns
- Maximum PRF in burst mode 3 MHz
- Maximum PRF in continuous mode 15 kHz
- Timing jitter maximum, both output pulses vs. trigger 20 ps, max