Hi Joseph, Dylan, and Dave,

I've measured the on/off switching time of the 80MHz Crystal Tech AOM driver (1080-AIFO-2.0) using the AM input, and the switching time seems to be around 40ns, or about 3 cycles of the 80MHz sine wave:

On Transient:

![Graph](image)

Off Transient:
I had to use a function generator rather than the RF switch to generate the control pulse (since the RF switch can't tolerate DC voltages), which resulted in the relatively slow rise time for the control pulse. However, the AM control pulse was significantly faster than the AOM driver switching time, so this is probably a fair measurement of the AOM driver response time.

Cheers,

Alex