FAQs for Laser Testing of Single Event Effects (SEE)

**Question (Q):** Is there any advantage in going higher in pulse energy, e.g., 1mJ?

**Answer (A):** If you are using TPA, you want to increase the probability of TPA. In some cases it is better to go into a high pulse energy. If you can generate the TPA effect with a lower pulse energy then there isn’t a need to increase the pulse energy.

**Question (Q):** Is Allied Scientific Pro’s Laser Testing Station for SEE portable?

**Answer (A):** Yes, You can view it here: https://alliedscientificpro.com/shop/product/workstation-for-laser-testing-of-single-event-effects-see-on-radiation-hardened-semiconductor-devices-20868?search=SEE

**Question (Q):** Can the Laser Testing Station for SEE be rented?

**Answer (A):** The Laser Testing Station for SEE can be rented. However, it can be rented along with our lab. You will bring what needs to be tested to our laboratory and use our facilities. If you are interested please contact sales@alliedscientificpro.com or call 1-800-253-4107 for pricing and date availabilities.

**Question (Q):** You mentioned that this setup (Laser Testing Station for SEE) is used for non-destructive studies. Why is this method not applicable to studies of SEB, SEL, etc.?

**Answer (A):** To clarify, if you don’t want to destroy the circuit the default values are set up to be non-destructive. If you want to go to SEB for example, you can increase the pulse energy. I recommend being careful. Please contact sales@alliedscientificpro.com if you want to discuss more in-depth.